FORM 1090. **B**

-den- 3139

, The following register of mon
&c., is NOT required if daily
values are given on the other

and also the space for

register should be sent:—
al Manager & Engineer
field

3139

WIGHTWIZZLE
1931 — 38

780507

RAINFALL IN 193

At Wightwizzle (En
In the County of Yorksh

in Summer 9 am

Direction from gauge
Direction from gauge

Rain Gauge
Diameter of Funnel As Before
Height of Top above Ground ft
Height of Ground above Sea Level

Directions from gauge ..

Before

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	6.31	✓			
FEB.	5.49	✓			
MAR.	·23	✓			
APRIL	5.45	✓			
MAY	3.32	✓			
JUNE	6.17	✓			
JULY	4.19	✓			
AUG.	8.29	✓			
SEPT.	5.04	✓			
OCT.	1.63	✓			
NOV.	5.72	✓			
DEC.	2.28	✓			
Total	54.12	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M Summary. **C** Particulars of Station. den- 8139

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Wightwizzle (Ewden)

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ..... in.
- *Height of Top above Ground* ..... *ft.* ..... *in.*
- *Height of Ground above Sea Level* ..... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·31	✓			
FEB.	5·49	✓			
MAR.	·23	✓			
APRIL	5·45	✓			
MAY	3·32	✓			
JUNE	6·17	✓			
JULY	4·19	✓			
AUG.	8·29	✓			
SEPT.	5·04	✓			
OCT.	1·63	✓			
NOV.	5·72	✓			
DEC.	2·28	✓			
Total	54·12	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales. M.Inst.C.E. – General Manager & Engineer

Water Dept – Town Hall – Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ..... Distance ..... Direction from gauge .....

Nearest Parish Church at ..... Distance ..... Direction from gauge .....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

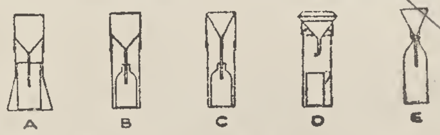
As Before

If gauge has been moved during the year state—

Date of move ..... Distance ..... Direction .....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden 3139

FORM 1090.

B Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Wightwizzle

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in*.
- *Height of Ground above Sea Level* .... *ft*.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·44				
FEB.	·62				
MAR.	3·06				
APRIL	5·57				
MAY	6·44				
JUNE	·81				
JULY	5·25				
AUG.	2·48				
SEPT.	3·02				
OCT.	7·01				
NOV.	4·32				
DEC.	1·99				
Total	46·61 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

As Before

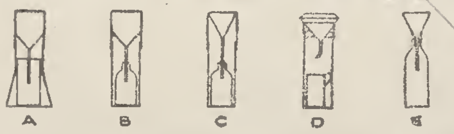
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

RM 1090.

B Monthly Summary.

C Particulars of Station.

Ewden.

3139

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933

At Wightwizzle

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 3 ft in.
- *Height of Ground above Sea Level* ft.

Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·43				
FEB.	7·33				
MAR.	3·47				
APRIL	1·28				
MAY	2·93				
JUNE	2·64				
JULY	2·70				
AUG.	·72				
SEPT.	2·74				
OCT.	6·30				
NOV.	2·35				
DEC.	·68				
Total	36·57				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst. C.E. Water Engineer & Manager
Water Dept. Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

as Before

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash—(not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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9

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Wightwizzle

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.21				
FEB.	·45				
MAR.	4.82				
APRIL	2.89				
MAY	2.40				
JUNE	1.67				
JULY	2.10				
AUG.	2.02				
SEPT.	3.46				
OCT.	4.77				
NOV.	2.82				
DEC.	5.74				
Total	37.35				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7

Ewden

3139

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst CE Engineer & Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

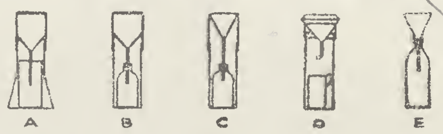
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



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....

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Ewden

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Wightwizzle

In the County of Yorkshire

Rain Gauge
Diameter of Funnel..................in.
Height of Top above Ground......ft.........in.
Height of Ground above Sea Level..........ft.

As Before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·73				
FEB.	6·81				
MAR.	1·90				
APRIL	3·45				
MAY	·51				
JUNE	4·36				
JULY	1·56				
AUG.	2·34				
SEPT.	5·61				
OCT.	8·61				
NOV.	7·43				
DEC.	4·50				
TOTAL	49·81 -				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7. 313

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station.................. Distance.............. Direction from gauge..........

Nearest Parish Church at.................. Distance.............. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

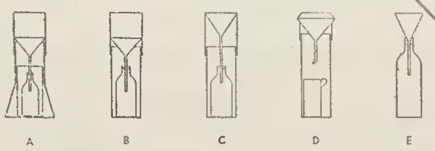
As Before

If gauge has been moved during the year state –

Date of move.................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY

3139

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is **NOT** required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Wightwizzle.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel..................in.
Height of Top above Ground..........*ft*..........*in.* As before.
Height of Ground above Sea Level..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.96				
FEB.	4.71				
MAR.	3.42				
APRIL	1.75				
MAY	1.38				
JUNE	4.39				
JULY	3.46				
AUG.	1.45				
SEPT.	4.81				
OCT.	4.97				
NOV.	5.66				
DEC.	5.27				
TOTAL	46.23				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................... Distance.............. Direction from gauge..........

Nearest Parish Church at.................... Distance.............. Direction from gauge..........

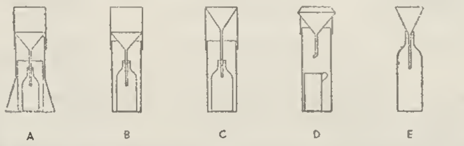
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3139

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Ewden (Wightwizzle)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 860 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·76 ✓				
FEB.	7·42 ✓				
MAR.	4·58 ✓	✓			
APRIL	2·76 ✓				
MAY	3·44 ✓				
JUNE	1·04 ✓				
JULY	3·36 ✓				
AUG.	·99 ✓				
SEPT.	1·99 ✓				
OCT.	3·74 ✓				
NOV.	2·43 ✓				
DEC.	4·56 ✓				
TOTAL	43·07 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

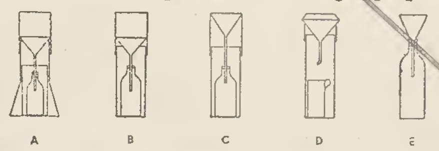
As before

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 } 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ewden, Wightwizzle

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 860 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·42				
FEB.	2·64				
MAR.	·79				
APRIL	·33				
MAY	3·20				
JUNE	3·27				
JULY	4·17				
AUG.	2·97				
SEPT.	3·19				
OCT.	9·28				
NOV.	6·03				
DEC.	4·28				
TOTAL	46·57				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

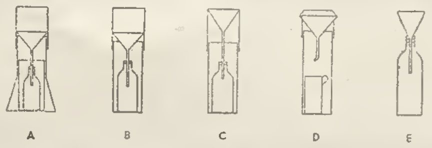
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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3139

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939

At Ewden, Wightwizzle

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 860 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·27				
FEB.	3·28 ✓				
MAR.	3·51 ✓				
APRIL	2·30 ✓				
MAY	2·33				
JUNE	2·82 ✓				
JULY	6·54 ✓				
AUG.	2·27 ✓				
SEPT.	1·94 ✓				
OCT.	4·26 ✓				
NOV.	8·28 ✓				
DEC.	4·17 ✓				
TOTAL	48·06				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

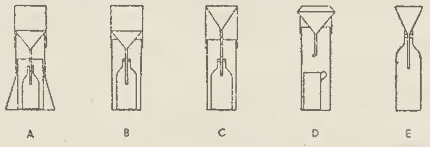
Nature of objects nearest to gauge	as before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W.H.&S. 668/91 S.O. Code No. 40-9999

—

3139/5

EWDEN BROOMHEAD HALL

1931 — 40

780507

3139/5

WR7

FORM 1090. **B** Mon
Sum

*** The following register of monthl
&c., is NOT required if daily or
values are given on the other sid

d also the space for

ter should be sent:—

RAINFALL IN 1931

At Ewden (Broomhead Hall

In the County of

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 90

n Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Days ·01 in or more	
	Inches.	Inches.	Date.	*	
JAN.	5.06				
FEB.	4.42				
MAR.	.25				
APRIL	5.49				
MAY	3.25				
JUNE	6.33				
JULY	3.70				
AUG.	8.26				
SEPT.	5.02				
OCT.	1.42				
NOV.	5.55				
DEC.	1.50				
Total	50.25 print ✓				

Directions from gauge . .

If gauge has been moved during the year state—

Date of move.......... Distance 49 yds Direction W.S.W

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 49 yds WSW.

Signature Sheffield Corporation W.W.

about 120% of av. OK print.

O.S. Map No 37. F.9.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Mor
Summary.

1930 n.p.

3139/5

WR 7

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

Ewden

At (Broomhead Hall) No 50

In the County of

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 905 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.06				
FEB.	4.42				
MAR.	.25				
APRIL	5.49				
MAY	3.25				
JUNE	6.33				
JULY	3.70				
AUG.	8.26				
SEPT.	5.02				
OCT.	1.42				
NOV.	5.55				
DEC.	1.50				
Total	50.25				

Signature Sheffield Corporation W.W.

about 120% of av. OK. print.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

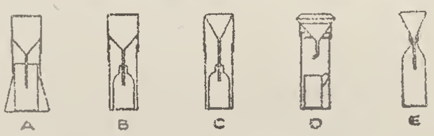
Nature of objects nearest to gauge	53 27 ww			
Heights of objects	1 38 6			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance 49 yds Direction WSW

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 49 yds WSW.

O.S. Map No 37. F.9.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden 3139/5

FORM 1090.

B Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Broomhead Hall

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*
As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·21				
FEB.	·50				
MAR.	2·95				
APRIL	4·63				
MAY	6·74				
JUNE	·83				
JULY	5·09				
AUG.	2·47				
SEPT.	2·83				
OCT.	6·00				
NOV.	3·57				
DEC.	1·76				
Total	41·58 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst. C.E.—Engineer & Manager
Water Dept.—Town Hall—Sheffield.

Hour of observation by the clock—in Winter .... in Summer ....
Nearest Railway Station .... Distance .... Direction from gauge ....
Nearest Parish Church at .... Distance .... Direction from gauge ....
As Before

Nature of objects nearest to gauge	Wall	Trees		
Heights of objects	4½ ft	40 ft.		
Distances ..	120 ft.	140 ft		
Directions from gauge ..	South.	West		

If gauge has been moved during the year state—

Date of move August 1st Distance 22 yds Direction NE.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note:- This gauge was moved on Aug 1st somewhat further away from the trees.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt. 9673/738 16000 8/32. Gp. 119/110.

RM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Broomhead Hall.

In the County of Yorkshire

Rain Gauge

Diameter of Funnel As Before in.

Height of Top above Ground in.

Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.10				
FEB.	7.50				
MAR.	3.12				
APRIL	1.22				
MAY	2.87				
JUNE	2.64				
JULY	2.13				
AUG.	·56				
SEPT.	2.96				
OCT.	5.53				
NOV.	2.40				
DEC.	·63				
Total	34·66				

Signature John K Swales

*See Instruction 2 (*f*) below.

Ewden

3139|5

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J.K. Swales. M.Inst C.E. Engineer & Manager

Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Broomhead Hall

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground* ft. in.
- *Height of Ground above Sea Level* ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.71				
FEB.	·45				
MAR.	4·72				
APRIL	2·97				
MAY	2.14				
JUNE	1·60				
JULY	2·10				
AUG.	1·88				
SEPT.	3·05				
OCT.	3·74				
NOV.	2·86				
DEC.	5·85				
Total	35·07 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Ewden
No 7.
3139/5

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge	As Before			
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
  9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Ewden

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Broomhead Hall

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

as Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.80				
FEB.	6.52				
MAR.	1.36				
APRIL	2.94				
MAY	.46				
JUNE	3.53				
JULY	1.30				
AUG.	2.23				
SEPT.	5.30				
OCT.	8.30				
NOV.	7.49				
DEC.	4.22				
TOTAL	46.45 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, ~~No~~ 7.

3139/5

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J.K. Swales Esq. M.Inst.C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

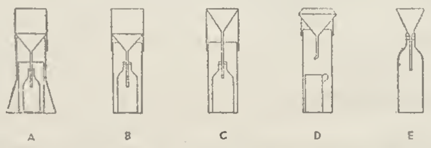
as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY

3139/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Broomhead Hall.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel..................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.51				
FEB.	4.42				
MAR.	3.25				
APRIL	1.89				
MAY	1.50				
JUNE	4.36				
JULY	3.46				
AUG.	1.31				
SEPT.	4.56				
OCT.	3.78				
NOV.	5.13				
DEC.	4.46				
TOTAL	42.63				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................................. Distance.................. Direction from gauge..............

Nearest Parish Church at.................................. Distance.................. Direction from gauge..............

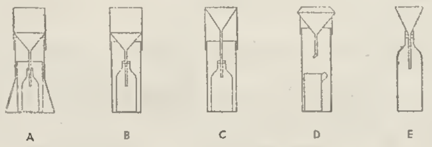
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3139/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Euden (Broomhead Hall)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 905 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·11				
FEB.	7·26				
MAR.	4·31				
APRIL	2·52				
MAY	3·40				
JUNE	·95				
JULY	2·89				
AUG.	·93				
SEPT.	1·92				
OCT.	3·81				
NOV.	2·24				
DEC.	4·42				
TOTAL	40·76				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst C.E.
General Manager and Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

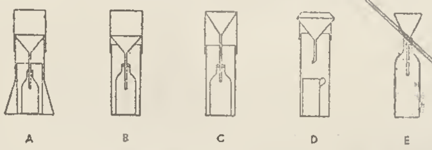
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

3139/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ewden, Broomhead Hall N° 50

In the County of W. R. Yorks

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 905 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·08				
FEB.	1·81 ✓				
MAR.	·48 ✓				
APRIL	·23 ✓				
MAY	3·16 ✓				
JUNE	2·83 ✓				
JULY	1·05 ✓				
AUG.	2·92 ✓				
SEPT.	3·19 ✓				
OCT.	7·47 ✓				
NOV.	5·04 ✓				
DEC.	4·17 ✓				
TOTAL	40·46 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M. Inst. C. E. General Manager & Engineer

Sheffield Corporation Waterworks Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

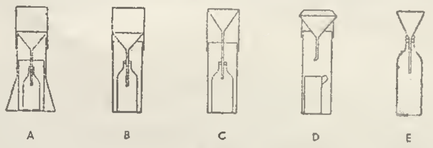
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3139/5

FORM 1090.

B Monthly Summary.

⁎ **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939

At Emden, Broomhead Hall No. 5 0

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 905 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·10				
FEB.	2·84 ✓				
MAR.	3·15 ✓				
APRIL	2·12 ✓				
MAY	2·50 ✓				
JUNE	2·76 ✓				
JULY	6·17 ✓				
AUG.	2·31 ✓				
SEPT.	1·99 ✓				
OCT.	4·24 ✓				
NOV.	7·15 ✓				
DEC.	3·65				
TOTAL	44·98				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield.

Time of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

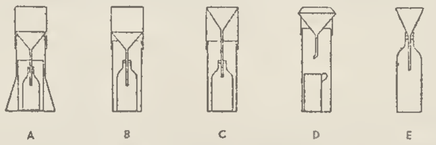
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3139/5

FORM 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

No 30.

At Ewden, Broomhead Hall

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 905 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·12)				
FEB.	(2·45)				
MAR.	2·93				
APRIL	3·35				
MAY	1·12				
JUNE	·77				
JULY	3·12				
AUG.	·67				
SEPT.	2·92				
OCT.	5·50				
NOV.	8·98				
DEC.	3·48				
TOTAL	39·41				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E., General Manager & Engineer

Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

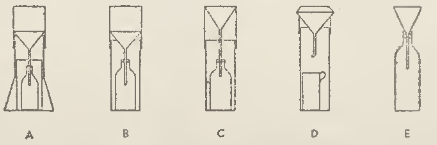
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M S

3139/6

WR 7.

3139/6

EWDEN, MORE HALL RES.

1931—40

780507

*** The following register of mon &c., is NOT required if daily values are given on the other … and also the space for …egister should be sent:—

RAINFALL IN 193

Ewden

At More Hall Rese…

In the County of WR…

Rain Gauge
- Diameter of Funnel 8…
- *Height of Top above Ground* 1 *ft*
- *Height of Ground above Sea Level*

…in Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.	
	Inches.	Inches.	Date.
JAN.	3.57		
FEB.	3.80		
MAR.	.19		
APRIL	4.30		
MAY	3.22		
JUNE	4.53		
JULY	3.59		
AUG.	6.19		
SEPT.	4.91		
OCT.	.96		
NOV.	4.36		
DEC.	1.37		
Total	40.99		

If gauge has been moved during the year state—

Date of move........ Distance 340 yds Direction NE.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 340 yds NE near Ewden Filters.

Signature Sheffield Corporation W. W.

O.S. Map Ref. No 37. F. 10.

c 1175' [illegible] OK [illegible]

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B**

3139/6

WR 7.

[illegible] 920

‚ **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At ~~Ewden~~ More Hall Reservoir No 54

In the County of W R York

Rain Gauge

Diameter of Funnel 8 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 408 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3.57				
FEB.	3.80				
MAR.	·19				
APRIL	4.30				
MAY	3.22				
JUNE	4.53				
JULY	3.59				
AUG.	6.19				
SEPT.	4.91				
OCT.	·96				
NOV.	4.36				
DEC.	1.37				
Total	40.99				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

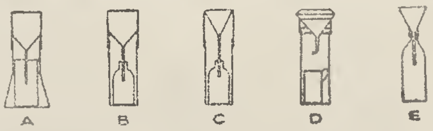
Nature of objects nearest to gauge	53° 27' 26"			
Heights of objects	1° 35' 50"			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance 340 yds Direction NE.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 340 yds NE near Ewden Filters.

Signature Sheffield Corporation W. W.

O.S. Map Ref. No 37. F.10.

c 117% [illegible]

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3139/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Morehall Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·20	·02	-	·25	·70	·01	·07	·03	·25	·17	·03	·03	1
2	·19	-	-	-	·45	-	-	·01	·35	·17	·10	·27	2
3	·04	-	-	·30	·02	-	·25	-	·02	-	-	·25	3
4	·04	·01	-	·09	-	-	-	-	-	·01	·08	-	4
5	·52	·02	·22	·07	·02	-	-	·01	·04	-	-	-	5
6	1·04	-	·16	·78	·03	-	·02	-	·03	-	-	-	6
7	·03	-	·72	·26	-	-	-	-	·27	·12	·03	-	7
8	-	·01	-	·13	-	-	-	-	·09	·30	·02	-	8
9	·15	·20	-	·22	-	-	-	-	-	-	-	·02	9
10	·24	·03	·01	·09	-	-	-	-	·20	·10	-	·15	10
11	·18	·10	-	·06	·18	·09	·94	-	·03	·08	·04	-	11
12	·18	-	·01	·01	·08	-	·42	-	-	·21	·06	-	12
13	·05	·11	-	·11	·04	-	·90	·02	·03	·63	·06	·07	13
14	·08	·01	-	·11	-	-	·26	-	-	·04	·21	·02	14
15	-	-	-	·03	·18	-	-	-	-	·05	·03	·12	15
16	·34	-	·01	·34	·01	-	·10	-	-	·01	·01	·01	16
17	-	-	-	·01	·03	-	·09	-	-	·41	·02	-	17
18	-	-	-	-	·01	-	-	-	-	-	·01	-	18
19	-	-	·01	·10	-	-	-	-	-	·18	-	-	19
20	-	-	-	·11	·47	-	·03	·88	-	·19	-	-	20
21	-	-	·18	·02	2·28	-	·01	·85	-	·60	·04	·04	21
22	-	-	·19	·08	·37	·02	·27	-	·23	·07	·75	·04	22
23	-	·02	-	·12	·07	-	·05	-	-	·15	·15	·04	23
24	·03	-	-	·03	·03	-	·06	-	·07	-	·12	-	24
25	-	·04	-	·01	·05	-	-	-	·01	·27	·04	-	25
26	-	·04	-	·19	·46	-	·01	-	·01	·32	·43	-	26
27	-	-	·31	·10	·48	·02	·29	-	-	·01	·16	-	27
28	-	·01	·10	·50	·17	-	·15	·08	-	-	-	-	28
29	-		·27	·28	·38	·01	·08	·15	·21	·68	·14	·10	29
30	-	X	·15	·01	·08	·50	·01	·06	·07	·02	·32	·14	30
31	-	X	·08	X	·03	X	·25	-	X	-	X	·07	31
TOTAL	3·31	·62	2·42	4·41	6·62	·65	4·26	2·09	1·91	4·79	2·85	1·37	YEAR'S TOTAL 35·30
*Days with ·01 in. or more.	15	13·	14	28·	24·	6	20·	9·	16·	23·	22·	15·	205
*Days with .04 in. or more.	13·	5·	10·	21·	16	2	15·	5·	10·	19·	15·	11·	142

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*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

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Sec n **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933. 313916

Kept at More Hall Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... in.

,, Ground ,, Sea Level .... ft.

See Report

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	·35	·09	-	-	-	-	-	-	·05	·04	-		1
2	·26	-	·37	-	-	-	-	-	-	·03	·10	-		2
3	·04	·10	·09	-	·27	-	-	-	-	-	·10	-		3
4	·15	·03	·04	-	·10	-	-	-	-	-	-	-		4
5	·20	·07	·13	-	·20	-	-	-	-	-	-	-		5
6	·01	·14	·08	-	·58	-	-	-	-	-	-	·10		6
7	·02	·09	·01	-	·15	-	·12	-	-	1·07	-	·03		7
8	·07	·04	·01	-	·02	-	·48	-	-	-	-	·05		8
9	-	·27	-	-	-	-	·26	-	-	·50	·02	-		9
10	·01	·15	-	-	-	·06	·02	-	-	1·25	·06	-		10
11	-	-	-	-	-	-	·11	·01	-	·30	-	-		11
12	-	-	-	-	-	·16	·05	-	-	·02	-	·08		12
13	-	-	-	-	·48	·03	·15	-	·10	·03	·03	-		13
14	·08	-	-	-	·01	-	·01	·05	-	·02	·51	-		14
15	·85	-	-	-	-	-	·14	·09	-	·41	·99	·18		15
16	·40	-	·32	·06	·05	·08	·14	·01	-	·25	·03	-		16
17	·07	-	·88	-	-	·18	-	·01	·05	-	·15	-		17
18	·01	·05	·29	-	-	·27	-	-	-	-	·09	-		18
19	-	·02	·65	-	-	·11	-	-	·15	-	·03	-		19
20	-	-	-	-	·01	-	-	·05	-	-	·03	-		20
21	-	-	-	-	-	·15	-	·13	·10	·02	·03	-		21
22	-	-	-	-	-	·11	-	·17	-	·42	-	·02		22
23	-	·04	-	·22	-	-	-	·01	·29	·03	-	-		23
24	-	1·07	-	·21	·05	·38	-	-	1·09	·03	-	-		24
25	-	1·52	-	·15	-	·01	-	-	·71	-	·02	·06		25
26	-	1·47	-	·17	-	-	-	-	·04	·16	·02	·03		26
27	-	·03	-	·01	·05	-	-	-	·07	·20	-	-		27
28	·01	·01	-	·06	·05	-	·07	-	·03	·12	-	·01		28
29	-			·19	-		-	-	-	·08	-	·03		29
30	·06	✗	·05	·02	-	-	·07	-	-	·06	-	·10		30
31	·24	✗	·01	✗	-	✗	·09	-	✗	·15	✗	-		31
TOTAL	2·68	5·45	3·02	1·09	2·02	1·54	1·71	·53	2·63	5·20	2·25	·69	Year's Total 28·81	
*Days with ·01 in. or more.	17	17	14	9	13	11	13	9	10	21	16	11	161	
*Days with ·04 in. or more.	12	13	11	7	10	9	11	5	9	14	8	6	115	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) John N. Swales

[P.T.O.

Ewden

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1934

3139/6

Kept at More Hall Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in. as before

Height of top of Gauge above Ground .... ft. .... in.

" Ground " Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	-	-	·01	-	-	-	·15	-	·04	·01	·10		1
2	-	·02	·08	-	-	-	-	·10	·51	-	·10	·10		2
3	·02	·03	-	-	-	-	-	-	·08	·14	·01	·01		3
4	·05	-	·14	·30	·01	-	-	-	·11	·68	-	·91		4
5	-	-	·28	·03	·16	-	-	·46	-	·15	·15	·05		5
6	-	-	·13	-	·45	·02	-	·04	-	·12	-	·57		6
7	·08	·07	·11	-	·02	·07	-	-	-	·11	·04	·25		7
8	-	-	-	-	·13	·22	-	·05	·02	·04	·45	·05		8
9	-	-	·26	·10	-	-	-	·02	-	-	1·07	·25		9
10	-	-	·48	·35	-	-	-	·12	-	·01	·15	-		10
11	·40	-	·20	·58	-	-	-	·08	-	-	·02	·30		11
12	-	-	·20	·06	-	-	·06	·03	-	-	-	·10		12
13	·57	-	·03	·04	·03	-	·50	·12	-	·03	-	-		13
14	·10	-	·48	-	·09	·05	-	-	-	·24	·25	·34		14
15	·55	-	·28	-	·44	-	-	-	·11	·08	·15	·04		15
16	·36	-	·17	-	·21	-	-	-	-	·02	·11	·08		16
17	·30	-	·19	-	·17	-	·17	-	·34	·02	·02	·15		17
18	·15	-	·36	·15	·02	·04	·01	-	-	-	-	·06		18
19	-	-	·24	-	·03	·10	-	-	·04	·01	-	-		19
20	-	-	·01	·04	·07	·02	-	·03	·01	-	-	-		20
21	·05	-	-	-	·02	·40	-	·01	·06	·05	-	-		21
22	-	-	-	-	-	·01	-	·05	·55	·12	-	·01		22
23	-	-	·06	·23	-	-	·40	-	-	·08	·03	·14		23
24	-	·03	·05	·21	-	·14	-	-	·07	·18	-	·03		24
25	·08	-	-	·05	·04	·01	·07	-	·15	·18	-	·60		25
26	·20	-	-	·14	-	·02	·07	-	·14	-	·02	·02		26
27	-	·26	-	·70	-	·05	·11	-	·06	·40	-	·24		27
28	-	-	-	·19	-	·24	·06	·10	-	·13	-	·38		28
29	-		·05	·01	-	-	-	·04	·43	·02	-	·16		29
30	·12	×	-	-	-	-	·17	-	·04	·24	-	·08		30
31	·02	×	-	×	-	×	·03	·03	×	·07	×	·01		31
TOTAL	3·08	·41	3·80	3·19	1·89	1·39	1·65	1·43	2·72	3·08	2·58	5·03	Year's Total. 30·25	
* Days with .01 in. or more.	16	5	20	17	15	14	11	16	16	24	15	26	195	
* Days with .04 in. or more.	13	2	18	14	9	9	9	11	14	18	9	21	147	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) ....

P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 7 3129/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at More Hall Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.25	.07	.17	.02	–	.04	.02	–	.15	.20	.14	.50		1
2	–	.04	.05	.01	–	.09	–	.02	–	.48	.04	.15		2
3	–	.28	.04	.03	–	.05	.02	–	–	.01	.17	.02		3
4	–	–	.04	.02	–	.07	.05	–	.06	.83	–	.01		4
5	–	.17	.10	.14	–	1.16	.01	–	.04	.03	.06	–		5
6	.05	–	.01	.04	–	.19	–	–	–	–	–	–		6
7	.04	–	–	.05	–	.18	–	–	–	.29	.47	.20		7
8	–	–	.01	.14	–	.23	–	.11	–	.01	.07	.25		8
9	–	–	.01	.21	.01	.19	–	–	–	.98	.19	.02		9
10	–	–	.01	.26	–	.06	–	–	–	.26	.17	–		10
11	.87	.03	–	–	–	.05	–	.02	–	.02	.16	.13		11
12	–	.10	–	–	–	.15	–	–	.04	–	–	–		12
13	.04	.10	–	.07	.21	.05	–	–	.21	.03	.02	–		13
14	–	.01	–	.02	.07	.03	–	–	.07	–	.50	.08		14
15	–	.77	–	.42	.07	.74	.10	–	.21	–	.12	.32		15
16	–	1.03	.16	.09	–	.04	.06	–	.69	–	.70	–		16
17	–	.04	–	.15	.03	.37	.02	–	.24	.01	1.02	–		17
18	.06	.01	–	.16	.05	.13	.56	22	.36	.34	.07	–		18
19	.03	.05	–	.18	–	.12	.11	–	–	.26	.33	–		19
20	–	.29	–	.49	–	.05	–	–	–	–	.87	–		20
21	–	.67	–	.04	–	–	–	–	.67	.02	.20	.04		21
22	–	.06	.09	–	–	–	–	–	.01	–	.12	–		22
23	–	–	.56	.02	–	–	–	.82	.10	.33	–	–		23
24	.62	.79	–	–	–	–	–	–	.91	.01	–	.36		24
25	.21	.16	–	–	–	.04	–	–	–	–	.02	.10		25
26	.03	.01	–	–	–	–	.02	.66	.27	.11	.13	.32		26
27	.03	.19	–	–	.03	–	.06	–	.42	.28	.11	.43		27
28	.02	.01	–	–	–	–	–	.03	.06	.04	.04	.16		28
29	.01		.04	–	–	–	–	–	.11	.26	.07	.19		29
30	.04	✕	–	–	–	.01	–	.12	.09	.48	.57	.06		30
31	.01	✕	–	✕	–	✕	–	–	✕	.41	✕	.23		31
TOTAL	2.31	4.88	1.29	2.56	.47	4.04	1.03	2.00	4.71	5.69	6.36	3.57	Year's Total 38.91	✓
* Days with .01 in. or more.	15	21	13	20	7	22	11	8	19	23	25	19	203	✓
* Days with .04 in. or more.	9	16	9	14	4	20	6	5	18	15	23	16	155	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John N Dowaley

[P.T.O.

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Section A for the entry of Daily Observations.

Station No. 7 3139/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at More Hall Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in. As before.

" Ground " Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	.02	.14	.77	-	.04	.02	.18	.02	-	.05	.25		1
2	-	.04	.09	.07	-	.91	.04	.08	-	-	.03	.13		2
3	.04	.01	.04	-	-	.20	-	.04	.34	-	-	.06		3
4	.04	.09	.04	-	-	.13	-	.02	.11	.01	.28	.39		4
5	.11	.02	.35	-	.01	.01	-	.10	.08	.01	-	.46		5
6	.02	-	-	-	.01	.01	.15	.21	.51	-	.26	-		6
7	.17	-	.02	-	-	-	.22	-	.54	.02	.08	.01		7
8	.15	-	.05	-	-	-	-	-	.01	-	.32	.01		8
9	.33	.02	.16	-	.03	-	.35	-	-	.07	.61	-		9
10	.14	-	.01	.02	-	-	.33	.02	.05	-	.45	-		10
11	-	-	.01	.04	-	.04	.02	.01	.09	-	.71	-		11
12	-	-	-	.27	.11	.86	.39	-	.37	-	.30	.07		12
13	-	-	-	.11	-	.19	.09	-	-	.02	-	.78		13
14	-	-	-	.12	-	.15	.04	.01	.20	-	.07	.53		14
15	.25	.06	-	.12	.04	.04	.03	.01	.08	-	.50	.11		15
16	.16	.07	-	.03	-	-	.03	-	-	.02	.47	.01		16
17	.03	.74	-	-	.05	-	.20	-	-	.19	.04	.26		17
18	-	.06	-	-	-	.02	.08	.01	-	.42	-	.01		18
19	.82	.25	.01	.05	-	.28	.01	.31	-	.16	-	-		19
20	.31	.19	.02	-	-	.02	-	.01	.03	.02	-	-		20
21	.06	-	.04	.13	-	.03	-	-	-	-	-	-		21
22	.04	.52	.12	-	.05	.85	.17	-	-	-	-	-		22
23	-	-	.16	.09	.18	-	.50	-	-	.02	-	-		23
24	.21	.10	-	.03	.33	-	-	-	.21	.46	-	-		24
25	.11	.01	.06	.02	-	-	.01	-	.35	.31	-	-		25
26	.01	.15	.66	-	-	-	-	-	.04	.63	-	-		26
27	.25	-	.02	-	-	-	-	-	.06	.57	-	-		27
28	.31	.80	.07	-	-	.01	.19	-	-	-	.01	.09		28
29	.20	.41	.49	-	-	.46	-	-	-	.03	.03	.12		29
30	.08	✕	-	-	.70	.01	.06	.01	-	.74	.11	.04		30
31	-	✕	.06	✕	-	✕	-	-	✕	-	✕	.27		31
TOTAL	3.85 ✓	3.56 ✓	2.62 ✓	1.87 ✓	1.51 ✓	4.26 ✓	2.93 ✓	1.02 ✓	3.09 ✓	3.70 ✓	4.32 ✓	3.60 ✓	Year's Total 36.33	✓
* Days with .01 in. or more.	23 ✓	18 ✓	21 ✓	14 ✓	10 ✓	19 ✓	20 ✓	14 ✓	17 ✓	17 ✓	17 ✓	18	208	✓
* Days with .04 in. or more.	19 ✓	13 ✓	15 ✓	10 ✓	7 ✓	12 ✓	14 ✓	6 ✓	14 ✓	9 ✓	14 ✓	14	147	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John K. Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Ewden (More Hall Res)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 408 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·16	·13	·03	–	–	–	·01	–	·14	–	·03	·26		1
2	·20	·25	·02	·26	–	–	–	–	–	–	–	1·60		2
3	–	·07	·01	·12	·05	–	–	–	–	–	–	·05		3
4	·23	·01	·10	·11	·02	–	–	–	–	–	–	·35		4
5	·84	–	·09	–	–	–	–	–	–	–	–	·03		5
6	·12	–	·07	·03	·08	–	·66	·10	–	–	·06	·21		6
7	·04	·66	–	·33	·07	·11	–	–	·02	–	·04	–		7
8	–	·44	·01	·12	–	–	·01	–	–	–	·15	·20		8
9	–	·34	–	·04	·34	–	·49	·01	–	–	–	–		9
10	·01	·15	·11	·01	·01	·06	–	–	–	–	·01	·34		10
11	–	–	1·46	–	·81	–	–	–	–	–	–	·03		11
12	·14	·26	·11	–	·44	·06	–	–	·20	–	–	·18		12
13	–	·02	–	·01	·05	·28	–	·05	·05	–	–	·14		13
14	–	·01	·31	·03	–	–	–	·10	·07	–	–	·20		14
15	·24	·32	·01	·22	–	–	1·12	–	·05	–	–	·01		15
16	·02	·41	·41	·48	–	–	–	·11	·20	–	–	–		16
17	·26	·02	·31	·29	–	·05	–	–	·93	–	–	–		17
18	1·32	·08	·21	·01	–	·01	·02	·04	–	–	·60	–		18
19	·01	·09	·01	·03	–	·09	·10	–	–	–	·56	–		19
20	·21	·20	·03	·21	·63	·01		–	–	–	–	·01		20
21	·06	·02	·03	–	–	–	·20	–	–	·01	–	–		21
22	·01	–	·04	–	·04	–	·02	–	–	·16	·33	·01		22
23	·38	–	·01	–	·02	–	·14	–	–	1·29	·51	–		23
24	·42	·63	·04	–	·07	–	·02	–	–	·57	–	–		24
25	·13	·68	·15	–	–	–	–	–	·01	·44	–	·01		25
26	–	·29	·05	–	·39	–	–	·01	·01	–	–	·01		26
27	–	·24	·01	·20	–	–	–	–	–	·79	·01	·05		27
28	–	·60	·01	–	–	·03	–	–	–	·01	–	–		28
29	·05		–	–	–	–	–	–	–	·05	·01	·01		29
30	·45	✕	–	–	–	·01	–	·09	–	·03	·05	·05		30
31	·50	✕	–	✕	–	✕	–	–	✕	·23	✕	·01		31
TOTAL	5·80	5·92	3·64	2·50	3·02	·71	2·79	·51	1·68	3·58	2·36	3·76	Year's Total 36·27	
* Days with .01 in. or more.	22	23	25	17	14	10	11	8	10	10	12	21	183	
* Days with .04 in. or more.	18	18	14	11	11	6	6	6	7	7	8	12	124	

† Spare column, no entries required.

(Signed) John K Sewales [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1938

Kept at Ewden, More Hall Reservoir Nº 54
in the County of W. R. Yorks.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 408 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	.06	-	-	.08	.71	.47	-	-	·03	·17	·28		1
2	.04	.02	-	·15	.07	.19	-	-	-	·37	·05	·06		2
3	.03	-	-	-	-	.01	.03	-	.04	1·77	·08	-		3
4	.04	-	-	-	-	.04	.08	-	-	·38	·05	·28		4
5	-	-	-	-	-	-	.03	.20	.01	·53	-	·07		5
6	.15	.03	-	-	-	.01	.37	.35	.07	·16	-	·01		6
7	.16	-	-	-	-	-	.24	.04	.59	·08	-	·03		7
8	.41	-	-	-	-	-	.27	-	-	·64	-	·05		8
9	.03	.26	-	-	-	.10	.02	.17	-	·04	-	·34		9
10	.01	.03	-	-	-	.02	.26	-	-	·05	·01	·08		10
11	.27	-	-	-	-	-	.03	.01	-	·05	·05	·09		11
12	.12	-	-	-	.07	-	-	.09	-	·74	·10	-		12
13	.04	.03	-	-	-	-	-	-	.05	·29	·19	·25		13
14	.33	-	-	-	.01	-	.28	-	.26	-	-	·01		14
15	.85	-	-	-	-	-	.32	.01	-	·02	·01	·41		15
16	.25	-	.01	-	.02	-	.36	.06	-	·02	·12	·32		16
17	-	.02	-	-	.18	-	.10	.01	.04	·08	-	·05		17
18	.08	-	-	-	.15	-	-	.12	.04	·21	·28	-		18
19	-	-	-	-	.01	-	-	.22	-	-	-	·13		19
20	.02	-	-	-	-	-	-	-	.03	-	·34	·06		20
21	.01	-	-	-	-	-	-	-	.01	-	·01	·09		21
22	-	-	-	·01	-	.18	-	-	-	-	·37	·16		22
23	-	-	-	-	.03	.05	-	-	.27	-	·71	-		23
24	.04	-	.11	-	.01	·01	-	.15	.08	-	·23	·02		24
25	.25	.21	.05	-	-	-	-	.03	-	·29	·78	·02		25
26	.03	.70	.03	-	-	·01	-	-	.24	·15	·03	-		26
27	.12	.14	-	-	.19	.31	.14	.54	.05	-	·45	-		27
28	.44	.06	-	-	.60	.29	.06	.55	.10	-	-	·06		28
29	.07		.07	·02	·81	·02	.02	-	.01	·01	·11	·04		29
30	.19	✕	-	-	.07	.05	-	-	.55	-	·17	·03		30
31	.32	✕	-	✕	.37	✕	-	-	✕	·48	✕	·66	Year's Total	31
Total	4·31	1·56	·27	·18	2·67	1·98	3·08	2·55	2·44	6·39	4·31	3·60	33·34	
* Days with .01 in. or more.	26.	11.	5.	3.	15.	15.	17	15.	17.	21.	21	25	191	
* Days with .04 in. or more.	19.	6.	3.	1.	10.	9	12.	11.	13.	17	17	19	137	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 313916

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Embsay Moor Hall Res. Nº 54

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 408 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	-	·11	·07	-	-	·06	·18	·02	·09	-	·13		1
2	·09	-	-	·14	.	.	·04	·08	·88	·09	·12	·04		2
3	·19	-	-	·30	.	-	-	·47	-	-	·26	·52		3
4	·18	-	·15	·57	-	-	·06	·08	-	·10	·13	1·22		4
5	-	-	-	-	·16	-	·04	·32	-	·32	·32	·11		5
6	·35	-	·03	-	-	-	·58	-	-	·04	·26	.		6
7	·06	·21	·24	-	·02	-	·04	-	-	·01	·31	·18		7
8	·19	·12	·30	-	-	-	·17	·01	-	·03	·48	·26		8
9	·06	·21	-	-	-	-	·04	·19	-	·70	·02	·30		9
10	·50	-	·01	-	-	·01	-	·13	·05	·08	.	.		10
11	·08	·03	·16	-	·02	·27	-	·02	·01	·03	-	·02		11
12	·19	·23	-	-	·03	·09	-	-	-	·02	-	·01		12
13	-	-	-	·05	·04	·16	·01	-	-	·04	·05	.		13
14	·75	-	·03	·10	·31	·09	·52	-	-	·38	·18	.		14
15	·20	-	·02	·05	·21	·29	·11	-	·01	·01	·03	.		15
16	·02	-	·15	-	1·20	·01	·20	-	·01	-	·09	.		16
17	·94	·06	·04	·29	·11	-	·01	-	-	1·13 ✓	·02	.		17
18	·30	·06	·01	-	-	·22	·18	-	·02	·01	1·11	.		18
19	·28	-	-	-	-	·36	·79	-	·17	-	-	·01		19
20	·02	-	-	.	-	·18	·46	·41	·33	-	.	.		20
21	·12	·14	·29	·06	·01	·11	·33	-	·32	-	.	.		21
22	·19	·46	·15	-	-	-	·05	-	·03	·02	·31	.		22
23	·07	·14	·02	·08	-	·08	·04	-	-	·17	·29	.		23
24	·02	·03	·03	·05	-	·02	·31	·02	.	-	-	.		24
25	·54	·10	·02	-	·01	·01	-	·30	.	-	1·16	·01		25
26	·05	·11	-	·03	-	-	-	-	.	·02	·32	·08		26
27	·03	·15	·60	-	-	·14	·02	-	.	·26	·31	.		27
28	·04	·13	·37	·12	-	·09	·21	·02	.	-	·23	.		28
29	-	×	·03	·05	-	-	2·15	-	-	·27	·21	.		29
30	-	×	-	-	-	·04	·01	-	.	-	·17	.		30
31	-	×	-	×	-	×	·20	·02	×	·12	×	.		31
TOTAL	5·50	2·18	2·76	1·96	2·12	2·17	6·63	2·25	1·85	3·97	6·34	2·92	Year's Total 40·68	✓
* Days with .01 in. or more.	26	15	20	14	11	17	25	14	11	22	22	13	210	
* Days with .04 in. or more.	22	13	11	13	6	13	21	9	5	14	19	9	155	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Ewden, More Hall Res. Nº 54

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 408 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·12	·	·09	·	·	·	·	·	·	·39	·01		1
2	·	·02	·	·25	·	·	·01	·	·	·	·62	·03		2
3	·07	·31	·	·05	·	·	·	·	·	·18	·03	·01		3
4	·	·08	·	·06	·	·	·	·	·	·22	·32	·07		4
5	·	·	·	·	·08	·	·04	·	·	·33	·21	·63		5
6	·04	·17	·	·	·	·	·	·	·	1·20	·07	·15		6
7	·01	·17	·	·18	·21	·	·	·01	·06	·01	·	·01		7
8	·		·	·04	·	·	·	·	·01	·22	·	·08		8
9	·		·16	·	·	·	·05	·15	·02	·23	·71	·08		9
10	·		·	·	·		·62 ✓	·04	·	·	·46	·69		10
11	·	·10	·04	·		·	·17	·	·	·	1·22	·01		11
12	·	·	·35	·	·		·07	·	·07	·	·57	-		12
13	·	·03	·55	·		·	·	·	·34	·	·01	·01		13
14	·	·01	·02	·32	·16	·	·17	·	·05	·01	·01	·34		14
15		·	·10	·02	·02		·	·	·	·	·21	·02		15
16	·07	·14	·07	·		·	·39	·	·45	·79	·61	·05		16
17	·	·02	·43	·		·	·32	·	·20	·01	·40	-		17
18	·07	·25	·08	1·21	·		·06	·01	·16	·03	·06	·09		18
19	·	·15	·16	·22		·01	·30	·	·31	·08	·23	·01		19
20	·		·03	·35	·	·01	·06	·09	·	·07	·12	-		20
21	·01		·08	·	·	·26	·01	·01	·	·05	1·35	-		21
22	·01	·01	·05	·	·19	·14	·	·	·17	·02	·	·07		22
23	·	·08	·09	·02	·06	·11	·	·	·01	·08	·11	·03		23
24	·18	·	·	·01	·	·	·03	·	·02	·07	·	·08		24
25	·11	·	·	·	·	·03	·	·	·	·04	·	-		25
26	·51	·03	·	·	·04	·01	·29	·02	·	·07	·02	-		26
27	1·02	·12	·	·	·01	·	·01	·05	·02	·02	·05	-		27
28	1·04	·64	·	·01	·05	·	·	·	·	·	·	-		28
29	·	·	·13	·04	·	·	·	·	·	·01	·	·04		29
30	·13	✗	·	·53	·	-	·	·	·	·26	·01	·20		30
31	·19	✗	·28	✗	·	✗	·	·	✗	·80	✗	·45		31
TOTAL	(3·46)	2·45	2·62	3·40	·82	·57	2·60	✓ ·38	1·89	4·80	7·49	3·16	Year's Total 33·94	✓
* Days with .01 in. or more.	14	18	16	16	9	7	16	8	14	23	23	23	197	✓
* Days with .04 in. or more.	11	12	14	12	7	3	12	4	9	16	18	14	132	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) [P.T.O.

FORM 1090. **B** M
S

3139/7

wR 7.

3139/7

EWDEN, BROOMHEAD RES. No 52

1931 —— 39

780507

*** The following register of mon
&c., is NOT required if daily
values are given on the other

and also the space for

egister should be sent:—

RAINFALL IN 193

At Ewden Broomhead Re

In the County of Yor

in Summer

Direction from gauge

Diameter of Funnel

Direction from gauge

Rain Gauge
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	5.14				
FEB.	4.82				
MAR.	·30				
APRIL	5.24				
MAY	3.30				
JUNE	5.62				
JULY	3.87				
AUG.	6.97				
SEPT.	6.07				
OCT.	1.35				
NOV.	4.52				
DEC.	1.77				
Total	48.97				

Directions from gauge ..

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Not ideal, but keep until site below Reservoir available. Turf wall added.

Signature Sheffield Corporation W.W.

OK. OS. map No 37. F.10.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

print

FORM 1090. **B**

3139/7

1930 mp.

WR 7.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Ewden No 52 Broomhead Reservoir

In the County of York

Rain Gauge

Diameter of Funnel 8 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 600 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more*	Number of Days with ·04 in. or more*
	Inches.	Inches.	Date.		
JAN.	5.14				
FEB.	4.82				
MAR.	·30				
APRIL	5.24				
MAY	3.30				
JUNE	5.62				
JULY	3.87				
AUG.	6.97				
SEPT.	6.07				
OCT.	1.35				
NOV.	4.52				
DEC.	1.77				
Total	48.97				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

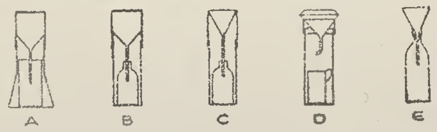
Nature of objects nearest to gauge	53°27'35"			
Heights of objects	1°35'38'			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Not ideal, but keep until site below Reservoir available. Turf wall added.

Signature Sheffield Corporation W.W.

OK.

OS. map No 37 F.10

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE. Elwden.

Station No. 3739/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Broomhead Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·37	·03	-	·28	·65	·01	·06	·04	·38	·25	·05	·04	1
2	·30	-	-	-	·47	-	-	·01	·43	·14	·13	·32	2
3	·09	-	-	·28	·01	-	·26	-	·06	-	-	·40	3
4	·05	·01	-	·13	-	-	-	-	-	-	·11	-	4
5	·55	·01	·30	·14	·01	-	-	-	·05	-	-	-	5
6	1·15	-	·20	1·14	·02	-	·02	-	·04	-	-	-	6
7	·04	-	·94	·37	-	-	-	-	·34	·17	·04	-	7
8	-	-	-	·13	-	-	-	-	·09	·31	·02	·01	8
9	·24	·28	-	·31	-	-	-	-	·01	-	-	·01	9
10	·25	·07	·01	·13	-	-	-	-	·28	·16	-	·18	10
11	·09	·06	·01	·06	·24	·11	1·35	-	·02	·04	·05	-	11
12	·23	·01	-	-	·07	-	·37	-	-	·27	·08	-	12
13	·05	·12	-	·14	·06	-	·98	·01	·06	·95	·07	·07	13
14	·10	·01	-	·15	-	-	·25	·01	-	·05	·24	·02	14
15	-		-	·02	·21	-		-	-	·04	·02	·10	15
16	·45		·01	·33	·02	-	·11	-	-	·05	·01	·01	16
17	-		-	-	·05	-	·10	-	-	·54	·01	-	17
18	-		-	-	·01	-		-	-	-	·01	-	18
19	-	·01	·01	·18	·01	-		·01	-	·19	-	-	19
20	-		-	·08	·68	-	·05	1·17	-	·23	-	-	20
21	-		·15	·04	2·25	-	·01	·83	-	·64	·03	·06	21
22	-		·18	·10	·37	-	·09	-	·21	·14	1·03	·06	22
23	-	·02	-	·15	·08	-	·04	-	-	·13	·18	·05	23
24	·03	-	-	·04	·01	-	·10	-	·09	-	·20	-	24
25	-	·03	-	·01	·03	-	·01	·01	·02	·33	·06	-	25
26	-	·03	-	·20	·45	-	·03	-	·02	·40	·70	·01	26
27	-	-	·34	·10	·50	·01	·24	-	-	·01	·14	-	27
28	-	·01	·11	·18	·18	-	·14	·08	-	-	·01	·01	28
29	-	-	·31	·15	·47	·03	·09	·10	·19	·78	·23	·13	29
30	-	✕	·18	·02	·13	·45	·02	·06	·09	·05	·31	·13	30
31	-	✕	·12	✕	·03	✕	·19	·01	✕	-	✕	·07	31
TOTAL	3·99	·70	2·87	4·86	7·01	·61	4·51	2·34	2·38	5·87	3·73	1·68	YEAR'S TOTAL 40·55
*Days with ·01 in. or more.	15.	14	14	26	25	5	21	12	17	22	23	18	212
*Days with .04 in. or more.	14	4	10	23	16	2	16	6	13	21	16	12	153

40-9999

*See Instruction 2 (*f*) on other side,

(Signed) .... P.T.O.

Ewden

COPY FOR OFFICIAL USE.

Sec n **A** for the entry of Daily Observations. Station No. 3139/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Broomhead Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·23	·45	·06	-	-	-	-	-	-	·03	·06	-		1
2	·31	-	·41	-	-	-	-	-	-	·01	·12	-		2
3	·05	·17	·10	-	·28	-	-	-	-	-	·09	-		3
4	·16	·11	·08	-	·16	-	-	-	-	-	-	-		4
5	·31	·14	·16	-	·16	-	-	-	-	-	-	-		5
6	·01	·12	·05	-	·53	-	-	-	-	-	-	·10		6
7	·06	·10	·02	-	·15	-	·13	-	-	1·20	-	·03		7
8	·16	·03	·03	·01	·02	-	·54	-	-	-	-	·06		8
9	-	·37	-	·01	·01	-	·35	-	-	·50	·04	·01		9
10	·02	·15	-	-	-	·05	·02	-	-	1·15	·09	-		10
11	-	-	-	-	·01	-	·10	-	-	·42	-	-		11
12	-	-	-	-	-	·14	·07	-	-	·02	-	·08		12
13	-	-	-	-	·58	·06	·90	-	·10	·05	·04	-		13
14	·18	-	-	-	·04	-	·02	·04	-	·01	·51	-		14
15	·70	-	·01	-	·01	-	·26	·09	-	·58	1·06	·11		15
16	·47	-	·34	·04	·05	·14	·14	·02	-	·26	·02	·01		16
17	·10	-	·81	-	·01	·30	-	·02	·06	-	·16	-		17
18	·03	·12	·25	-	-	·41	·07	-	-	-	·12	-		18
19	-	·05	·68	-	-	·11	-	-	·12	-	·02	·01		19
20	-	·02	-	-	·01	-	-	·05	-	-	·03	-		20
21	-	·01	-	-	·09	·13	-	·14	·12	·04	·03	-		21
22	-	-	-	-	-	·24	-	·18	-	·47	-	-		22
23	-	·05	-	·24	·05	-	-	·02	·31	·03	-	-		23
24	-	1·07	-	·20	·01	·53	-	-	1·15	·04	·02	·01		24
25	-	1·60	-	·11	-	-	-	-	·83	-	·02	·05		25
26	-	1·73	-	·26	-	-	-	-	·02	·20	·03	·01		26
27	-	·02	-		·26	-	-	-	·09	·12	-	-		27
28	-	-	-	·08	·02	-	·08	-	·04	·15	-	·01		28
29	-	×	-	·15	-	-	·01	-	·01	·06	-	·03		29
30	·05	×	·07	·01	-	-	·08	-	-	·08	-	·13		30
31	·28	×	·02	×	-	×	·16	-	×	·15	×	-		31
TOTAL	3·12	6·31	3·09	1·11	2·45	2·11	2·23	·56	2·85	5·57	2·46	·65	Year's Total 32·51	
*Days with ·01 in. or more.	16	18	15	10	19	10	15	8	11	21	17	14	174	
*Days with ·04 in. or more.	13	14	11	7	11	10	12	5	9	16	10	6	124	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John K [illegible]

[P.T.O.

Ewden

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No. No 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3139/7

Kept at Broomhead Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... in.

,, Ground ,, Sea Level .... ft.

As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·05	–	–	·02	–	–	–	·20	·02	·03	–	·14		1
2	–	·01	·10	–	–	–	–	·16	·57	–	·10	·14		2
3	·02	·05	–	–	–	–	–	–	·08	·16	·02	·01		3
4	·08	·01	·21	·30	·01	–	–	–	·14	·86	–	·87		4
5	–	–	·35	·03	·12	–	–	·45	–	·13	·19	·06		5
6	–	–	·17	–	·50	·02	–	·11	·01	·15	–	·58		6
7	·16	·07	·12	–	·02	·02	–	–	–	·11	·04	·24		7
8	–	–	–	–	·10	·33	–	·05	·01	·06	·46	·05		8
9	–	–	·38	·13	–	–	–	·04	·01	–	1·00	·18		9
10	–	–	·44	·37	–	–	–	·18	–	·05	·23	–		10
11	·42	–	·18	·63	–	–	–	·11	–	–	·03	·37		11
12	–	·01	·24	·05	–	–	·05	·03	–	–	–	·08		12
13	·57	–	·06	·03	·05	–	·40	·07	–	·08	–	·01		13
14	·19	–	·50	–	·09	·06	–	–	–	·26	·26	·34		14
15	·78	–	·30	–	·58	–	–	–	·11	·06	·14	·06		15
16	·37	–	·15	–	·28	–	–	–	–	·01	·12	·09		16
17	·38	–	·25	–	·21	–	·28	–	·33	·03	·02	·16		17
18	·13	–	·56	·10	·04	·04	–	–	–	–	–	·08		18
19	·01	–	·27	·03	·04	·17	–	–	·04	·01	–	·02		19
20	–	–	·03	·03	·06	·02	–	·03	·01	–	–	–		20
21	·03	–	–	–	·03	·46	–	·02	·03	·08	–	–		21
22	–	–	–	–	–	–	–	·05	·62	·12	·01	·02		22
23	–	–	·07	·28	·02	·01	·40	–	–	·08	–	·15		23
24	–	·02	·04	·10	–	·13	–	–	·10	·09	–	·05		24
25	·09	–	–	·08	·03	·01	·15	–	·13	·21	–	·66		25
26	·28	–	·01	·08	–	·02	·09	–	·15	–	·04	·05		26
27	–	·27	–	·70	–	·04	·15	–	·04	·50	·01	·23		27
28	–	–	–	·21	–	·17	·09	·07	–	·20	–	·42		28
29	–		·05	·02	–	–	–	·04	·50	·02	–	·18		29
30	·11	×	–	–	–	–	·08	–	·01	·31	–	·09		30
31	·02	×	–	×	–	×	·01	·01	×	·08	×	·02		31
TOTAL	3·69	·44	4·48	3·19	2·18	1·50	1·70	1·62	2·91	3·69	67 2·67	5·35	Year's Total. 33·42	
* Days with .01 in. or more.	17	7	21	18	16	14	10	16	19	24	15	28	205	
* Days with .04 in. or more.	13	3	19	12	11	8	9	12	12	19	10	23	151	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ....

P.T.O.

Ewden

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Broomhead Reservoir (8")
in the County of Yorkshire
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.......ft.........in.
,, Ground ,, Sea Level ....ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·22	·12	·22	·04	-	·02	·03	-	·14	·28	·12	·66		1
2	·01	·07	·03	·02	-	·12	-	·04	-	·40	·08	·17		2
3	·01	·42	·04	·05	-	·05	·08	-	·01	·02	·18	·02		3
4	-	-	·05	·02	-	·11	·09	-	·09	·91	-	·01		4
5	·02	·25	·11	·20	-	1·66	·04	-	·06	·06	·05	·01		5
6	·04	-	·01	·06	-	·25	-	-	-	-	-	-		6
7	·05	-	-	·05	-	·21	-	-	-	·29	·46	·20		7
8	-	-	·02	·15	·01	·32	-	·38	-	·02	·08	·28		8
9	-	-	·05	·36	·01	·13	-	-	-	1·22	·20	·01		9
10	-	-	·04	·26	-	·08	-	-	-	·40	·19	-		10
11	·93	·06	-	-	-	·07	-	·02	-	·05	·17	·19		11
12	-	·12	-	-	-	·21	-	-	·04	-	-	·01		12
13	·05	·12	-	·09	·26	·05	-	-	·27	·03	·02	-		13
14	-	·02	-	·02	·09	·03	-	-	·05	-	·59	·12		14
15	-	1·10	-	·51	·09	·99	·08	-	·26	-	·14	·34		15
16	-	1·01	·17	·14	-	·04	·08	-	·78	·01	·74	-		16
17	-	·07	-	·20	·06	·40	·42	-	·37	·02	·97	-		17
18	·06	·01	-	·20	·04	·17	·32	·20	·44	·42	·09	-		18
19	·02	·07	-	·27	-	·13	·17	-	-	·36	·36	-		19
20	·01	·37	-	·41	-	·08	·01	-	-	-	1·12	-		20
21	-	·74	-	·03	-	-	-	-	·63	·05	·23	·06		21
22	-	·06	·12	-	-	-	-	-	·01	-	·14	-		22
23	-	-	·75	·03	-	-	-	·88	·08	·30	-	-		23
24	·56	·73	·01	-	-	-	-	-	·93	·01	-	·46		24
25	·28	·20	·01	-	-	·13	-	-	-	-	·03	·12		25
26	·06	·03	-	-	-	-	·02	·77	·22	·32	·19	·31		26
27	·05	·22	-	-	·03	-	·14	-	·39	·62	·17	·42		27
28	·04	·01	-	-	-	-	-	·02	·06	·13	·06	·17		28
29	·02		·07	-	-	-	-	-	·12	·39	·10	·16		29
30	·05	✕	-	·01	-	·01	-	·14	·13	·56	·67	·09		30
31	·08	✕	-	✕	-	✕	-	-	✕	·51	✕	·24		31
TOTAL	2·51	5·80	1·70	3·12	·59	5·24	1·48	2·45	5·08	7·38	7·15	4·05	Year's Total 4655	✓
* Days with .01 in. or more.	19·	21·	15·	21	8	22	12	8	20	24	25	21·	216	✓
* Days with .04 in. or more.	12·	17	10	15	5	19	9	6	18·	18·	23·	16·	168	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

EWDEN VALLEY

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 4 3139/7
1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Broomhead Reservoir 8",
in the County of Yorkshire.
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground......ft.......in. As before.
,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.01	.15	.76	-	.01	.01	.22	.01	-	.07	.32		1
2	-	.05	.08	.07	-	.79	.04	.11	-	-	.01	.18		2
3	.05	.02	.07	-	-	.21	-	.07	.44	-	-	.10		3
4	.06	.11	.06	.01	-	.18	-	.03	.07	.02	.27	.55		4
5	.15	.02	.39	-	.03	.01	-	.15	.14	.01	-	.77		5
6	.02	-	-	-	.04	.02	.13	.16	.52	-	.27	-		6
7	.18	-	.04	-	-	-	.21	-	.86	.03	.11	.02		7
8	.18	-	.06	-	-	-	-	-	-	-	.37	.03		8
9	.34	.02	.13	-	.04	-	.15	-	-	.05	.78	-		9
10	.19	-	.01	-	-	-	.46	.03	.03	-	.72	-		10
11	-	-	.01	.05	-	.02	.03	.11	.11	-	.82	-		11
12	-	-	-	.29	.15	.81	.40	-	.37	-	.43	.07		12
13	-	-	-	.04	-	.15	.17	-	-	.05	.01	.77		13
14	-	-	-	.14	-	.21	.01	.01	.23	.01	.14	.62		14
15	.29	.06	.01	.10	.02	.06	.03	.01	.20	-	.67	.12		15
16	.15	.09	-	.06	-	-	.03	-	-	.03	.48	.02		16
17	.03	.76	-	-	.05	-	.17	-	-	.28	.09	.32		17
18	-	.11	-	.01	-	.03	.10	.01	-	.57	-	.04		18
19	.80	.24	.02	.04	-	.22	.02	.31	-	.18	-	-		19
20	.34	.20	.01	-	-	-	-	.01	.04	.02	-	.01		20
21	.10	-	.04	.14	-	.04	-	-	-	-	-	-		21
22	.07	.63	.13	-	.07	.98	.19	-	-	-	-	-		22
23	-	-	.17	.10	.23	-	.41	-	-	.03	-	-		23
24	.28	.12	-	.04	.29	-	-	-	.20	.57	-	-		24
25	.12	.01	.12	.03	-	-	.02	-	.36	.47	-	-		25
26	.01	.22	.77	-	-	-	-	-	.03	.78	-	-		26
27	.26	-	.05	-	-	-	-	-	.07	.69	-	-		27
28	.42	.96	.09	-	-	-	.26	-	-	-	.01	.11		28
29	.21	.62	.61	-	-	.49	-	-	-	.06	.05	.12		29
30	.09	✕	-	-	.67	-	.06	.01	-	.71	.16	.04		30
31	-	✕	.07	✕	-	✕	.01	-	✕	-	✕	.34		31
													Year's Total	
TOTAL	4.34	4.25	3.09	1.88	1.59	4.23	2.91	1.24	3.68	4.56	5.46	4.55	41.78	
* Days with .01 in. or more.	22	18	22	15	10	16	21	14	16	18	18	19	209	
* Days with .04 in. or more.	19	13	17	12	8	11	13	7	13	11	15	15	154	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) John K Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Ewden (Broomhead Res)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 585 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.19	.15	.07	-	-	-	.01	-	.17	-	.05	.44		1
2	.33	.28	.03	.22	-	-	-	-	-	-	-	1.61		2
3	-	.12	.03	.14	.03	.03	-	-	.01	-	-	.07		3
4	.38	-	.11	.11	.04	-	-	-	-	-	-	.38		4
5	1.00	-	.12	-	.01	-	-	-	-	-	-	.03		5
6	.18	-	.08	.04	.08	-	.82	.17	-	-	.08	.24		6
7	.09	.67	-	.42	.07	.10	-	-	.04	-	.08	.01		7
8	-	.51	.02	.07	-	-	.03	-	-	-	.16	.19		8
9	-	.45	-	.04	.37	-	.48	.04	-	-	-	.01		9
10	.02	.27	.08	-	.02	.06	-	-	-	-	.02	.37		10
11	-	-	1.70	-	.89	-	-	-	-	-	-	.03		11
12	.17	.31	.13	-	.48	.11	-	.01	.23	-	-	.21		12
13	-	.02	-	-	.04	.23	-	.05	.05	-	-	.14		13
14	-	.01	.27	.02	-	-	-	.19	.10	-	-	.23		14
15	.28	.41	.01	.20	-	-	1.13	-	.11	-	-	.03		15
16	.02	.61	.49	.53	.01	.09	-	.16	.24	-	-	.01		16
17	.27	.02	.32	.35	-	.04	-	-	.78	-	-	-		17
18	1.29	.11	.19	.01	-	.01	.02	.04	-	-	.67	-		18
19	.01	.14	-	.05	-	.09	.14	-	-	-	.52	-		19
20	.21	.27	.06	.24	.69	.01	-	-	.02	-	-	.01		20
21	.09	.04	.03	-	-	-	.21	-	-	.01	-	.02		21
22	.02	-	.01	-	.08	-	.05	-	-	.23	.36	.02		22
23	.37	-	.01	-	.05	-	.16	-	-	1.36	.52	-		23
24	.42	.57	.10	-	.09	-	.04	-	-	.68	-	.01		24
25	.14	.74	.15	-	-	-	-	-	.01	.40	-	.01		25
26	-	.33	.07	-	.37	-	-	.05	.01	-	-	.02		26
27	-	.36	.04	.25	-	-	-	-	-	.89	.01	.04		27
28	.01	.68	.02	-	-	.05	-	-	-	.03	-	-		28
29	.07		-	-	-	-	-	-	-	.06	.02	.03		29
30	.49	✕	-	-	-	.02	-	.12	-	.03	.08	.07		30
31	.45	✕	-	✕	-	✕	-	-	✕	.24	✕	.02		31
TOTAL	6.50	7.07	4.14	2.69	3.32	.84	3.09	.83	1.77	3.93	2.57	4.25	Year's Total 41.00	
* Days with .01 in. or more.	23	22	24	15	16	12	11	9	12	10	12	26	192	
* Days with .04 in. or more.	18	19	16	13	12	8	8	8	8	7	9	12	138	

† Spare column, no entries required.

(*Signed*) John H Swaley

* See Instruction 3 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Ewden, Broomhead Res. No. 52

in the County of W. R. Yorks north

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 585 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	-	·15	·07	.	-	·15	·10	·01	·13	-	·24		1
2	·09	-	-	·16	-	-	·10	·10	·75	·08	·10	·09		2
3	·25	-	-	·27	-	-	-	·35	-	-	·25	·78		3
4	·29	-	·18	·56	-	-	·06	·11	-	·15	·10	1·33		4
5	-	-	-	-	·16	-	·10	·23	-	·43	·31	·15		5
6	·41	-	·04	-	.	-	·73	-	-	·05	·25	.		6
7	·09	·21	·28	-	.	-	·04	-	-	·02	·38	·21		7
8	·19	·17	·36	.	-	-	·20	·02	-	·04	·48	·34		8
9	·09	·31	-	-	-	-	·04	·27	-	·79	·04	·37		9
10	·56	-	·01	-	-	·01	-	·10	·12	·06	.	.		10
11	·10	·05	·15	-	·02	·32	-	·02	·01	·02	.	·03		11
12	·22	·34	-	-	·03	·07	-	-	-	-	.	·01		12
13	-	-	-	·06	·04	·14	·01	-	-	·05	·04	.		13
14	·74	-	·03	·08	·43	·14	·64	-	-	·38	·13	.		14
15	·16	·01	·02	·13	·24	·36	·09	-	-	.	·04			15
16	·03	-	·20	-	1·36	·01	·30	-	·01	-	·10	.		16
17	·97	·11	·03	·29	·15	-	·08	-	-	1·19	·02	.		17
18	·32	·09	·02	-	-	·28	·13	-	·05	·01	1·16	.		18
19	·26	-	-	-	-	·39	·57	·02	·19	-	-	·03		19
20	·01	-	-	-	-	·22	·26	·40	·35	.	.			20
21	·11	·14	·37	·10	.	·11	·30	·01	·38	-	-	.		21
22	·21	·52	·19	-	-	-	·05	-	·06	·01	·36	.		22
23	·08	·19	·02	·13	-	·09	·04	-	-	·20	·29	.		23
24	·02	·03	·04	·06	-	·02	·17	·02	-	-	.	.		24
25	·56	·15	·01	·01	·01	·01	-	·40	-	-	1·67	·01		25
26	·07	·12	-	·06	-	-	-	·01	-	·05	·49	·09		26
27	·05	·16	·79	·01	-	·14	·03	-	-	·26	·47	.		27
28	·06	·11	·48	·14	-	·12	·21	·02	-	-	·32	.		28
29	-	×	·03	·07	-	-	1·65	-	-	·29	·38	.		29
30	-	×	-	-	-	·06	·03	-	.	-	·21	.		30
31	-	×	-	×	-	×	·18	·03	×	·11	×	.		31
TOTAL	5·99	2·71	3·40	2·20	2·44	2·49	6·16	2·21	1·93	4·32	7·59	3·68	Year's Total 45·12	
* Days with .01 in. or more.	26	16	20	16	9	17	25	17	10	20	22	13	211	
* Days with .04 in. or more.	23	14	12	14	6	13	22	9	7	16	21	9	166	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swales

P.T.O.

Section **A** for the entry of
AIR MINISTR

en. 3139/8

tion No. 7
ORGANIZATION.

FORM 1090.
REGIS

EWDEN
Kept at (Broomhead R
in the County of Yorkshire
Diameter of Funnel of Gauge……
Height of top of Gauge above Grc
,, Ground ,, Sea

THE MORNING MEASUR

An observer who does not conform
year in the space on the right of th
Ple

llowing

Jan. 1, following

3139/8

EWDEN BROOMHEAD RES.
(CHECK)
1935 — 40

780507

Date	Jan.	Feb.	Mar.	A							Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·22	·13	·25	·03	–	·03	·03	–	·16	·26	·15	·66		1
2	·01	·07	·05	·02	–	·11	–	·03	–	·42	·08	·21		2
3	·01	·31	·05	·05	–	·10	·05	–	·01	·02	·17	·05		3
4	–	–	·05	·02	–	·11	·08	–	·08	·96	–	·01		4
5	·01	·23	·11	·17	–	1·60	·03	–	·06	·07	·04	–		5
6	·04	–	·01	·06	–	·25	–	–	–	–	–	–		6
7	·05	–	–	·05	–	·20	–	–	–	·29	·43	·25		7
8	–	–	·02	·17	·01	·30	–	·35	–	·02	·06	·27		8
9	–	–	·01	·33	·01	·12	–	–	–	1·22	·21	·01		9
10	–	–	–	·29	–	·08	–	–	–	·34	·18	–		10
11	·87	·07	–	–	–	·07	–	·02	–	·04	·17	·19		11
12	–	·14	–	–	–	·20	–	–	·04	–	–	·01		12
13	·05	·12	–	·10	·26	·06	–	–	·25	·03	·02	–		13
14	–	·02	–	·03	·09	·03	–	–	·10	–	·55	·16		14
15	–	1·06	–	·45	·09	·93	·10	–	·23	–	·16	·36		15
16	–	1·15	·17	·14	–	·05	·07	–	·73	·01	·70	–		16
17	–	·06	–	·20	·05	·37	·15	–	·33	·01	·94	–		17
18	·06	·01	–	·20	·04	·17	·55	·32	·43	·37	·08	–		18
19	·03	·07	–	·28	–	·13	·17	–	–	·31	·31	–		19
20	·01	·35	–	·41	–	·08	·01	–	–	–	·97	–		20
21	–	·71		·04	–	–	–	–	·64	·04	·22	·04		21
22	–	·07	·12	–	–	–	–	–	·01	–	·11	–		22
23	–	–	·68	·04	–	–	–	·85	·09	·29	–	–		23
24	·52	·70	·02	–	–	–	–	–	·90	·01	–	·33		24
25	·30	·18	·01	–	–	·08	–	–	–	–	·02	·11		25
26	·03	·02	–	–	–	–	·01	·75	·22	·19	·15	·29		26
27	·01	·20	–	–	·04	–	·13	–	·40	·45	·13	·43		27
28	·04	·01	–	–	–	–	–	·03	·07	·06	·06	·17		28
29	·03		·07	–	–	–	–	–	·13	·31	·07	·18		29
30	·05	✕	–	·01	–	–	–	·13	·12	·55	·60	·07		30
31	·04	✕	–	✕	–	✕	–	–	✕	·46	✕	·25		31
TOTAL	2·38	5·68	1·62	3·09	·59	5·07	1·38	2·48	5·00	6·73	6·58	4·05	Year's Total 44·65	
* Days with .01 in. or more.	19	21	14	21	8	21	12	8	20	24	25	20	213	
* Days with .04 in. or more.	11	17	9	16	6	19	8	5	18	18	23	17	167	

40-9999.

* See Instruction 2 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) John N. Edwards [P.T.O.

SHEFFIELD CORPORATION W.W.

en. 3139/8

Section **A** for the entry of Daily Observations. ion No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

EWDEN
Kept at (Broomhead Reservoir) (Check)
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 484 ft.

W.R. 17

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·22	·13	·25	·03	-	·03	·03	-	·16	·26	·15	·66		1
2	·01	·07	·05	·02	-	·11	-	·03	-	·42	·08	·21		2
3	·01	·31	·05	·05	-	·10	·05	-	·01	·02	·17	·05		3
4	-	-	·05	·02	-	·11	·08	-	·08	·96	-	·01		4
5	·01	·23	·11	·17	-	1·60	·03	-	·06	·07	·04	-		5
6	·04	-	·01	·06	-	·25	-	-	-	-	-	-		6
7	·05	-	-	·05	-	·20	-	-	-	·29	·43	·25		7
8	-	-	·02	·17	·01	·30	-	·35	-	·02	·06	·27		8
9	-	-	·01	·33	·01	·12	-	-	-	1·22	·21	·01		9
10	-	-	-	·29	-	·08	-	-	-	·34	·18	-		10
11	·87	·07	-	-	-	·07	-	·02	-	·04	·17	·19		11
12	-	·14	-	-	-	·20	-	-	·04	-	-	·01		12
13	·05	·12	-	·10	·26	·06	-	-	·25	·03	·02	-		13
14	-	·02	-	·03	·09	·03	-	-	·10	-	·55	·16		14
15	-	1·06	-	·45	·09	·93	·10	-	·23	-	·16	·36		15
16	-	1·15	·17	·14	-	·05	·07	-	·73	·01	·70	-		16
17	-	·06	-	·20	·05	·37	·15	-	·33	·01	·94	-		17
18	·06	·01	-	·20	·04	·17	·55	·32	·43	·37	·08	-		18
19	·03	·07	-	·28	-	·13	·17	-	-	·31	·31	-		19
20	·01	·35	-	·41	-	·08	·01	-	-	-	·97	-		20
21	-	·71		·04	-	-	-	-	·64	·04	·22	·04		21
22	-	·07	·12	-	-	-	-	-	·01	-	·11	-		22
23	-	-	·68	·04	-	-	-	·85	·09	·29	-	-		23
24	·52	·70	·02	-	-	-	-	-	·90	·01	-	·33		24
25	·30	·18	·01	-	-	·08	-	-	-	-	·02	·11		25
26	·03	·02	-	-	-	-	·01	·75	·22	·19	·15	·29		26
27	·01	·20	-	-	·04	-	·13	-	·40	·45	·13	·43		27
28	·04	·01	-	-	-	-	-	·03	·07	·06	·06	·17		28
29	·03		·07	-	-	-	-	-	·13	·31	·07	·18		29
30	·05	✕	-	·01	-	-	-	·13	·12	·55	·60	·07		30
31	·04	✕	-	✕	-	✕	-	-	✕	·46	✕	·25		31
TOTAL	2·38	5·68	1·62	3·09	·59	5·07	1·38	2·48	5·00	6·73	6·58	4·05	Year's Total 44·65	
* Days with .01 in. or more.	19	21	14	21	8	21	12	8	20	24	25	20	213	
* Days with .04 in. or more.	11	17	9	16	6	19	8	5	18	18	23	17	167	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) John N. [illegible] [P.T.O.

SHEFFIELD CORPORATION W.W.

N

EWDEN VALLEY

COPY FOR OFFICIAL USE.

Section | A | for the entry of Daily Observations. Station No. 9 3139/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Broomhead Reservoir, 5" check,

in the County of Yorkshire

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground......ft......in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	.02	.14	.72	-	.03	.01	.21	.01	-	.06	.28		1
2	-	.04	.09	.07	-	.81	.02	.10	-	-	.02	.15		2
3	.05	-	.04	-	-	.22	-	.06	.40	-	-	.09		3
4	.05	.10	.07	-	-	.21	-	.03	.08	.01	.26	.46		4
5	.13	.02	.36	-	.01	.01	-	.11	.12	.01	-	.52		5
6	.03	-	-	-	.02	.02	.12	.20	.50	-	.27	-		6
7	.18	-	.03	-	-	-	.21	-	.70	.03	.11	.01		7
8	.18	-	.05	-	-	-	-	-	.01	-	.34	.01		8
9	.35	-	.14	-	.03	-	.16	-	-	.06	.69	-		9
10	.19	-	.01	-	-	-	.41	.11	.04	-	.57	-		10
11	-	-	.01	.04	-	.02	.03	.04	.10	-	.77	-		11
12	-	-	-	.25	.11	.79	.38	-	.37	-	.39	.07		12
13	-	-	-	.08	-	.16	.13	-	-	.03	.01	.79		13
14	-	-	-	.14	-	.21	.03	.01	.24	.01	.14	.55		14
15	.29	.07	.01	.10	-	.05	.04	.01	.09	-	.57	.12		15
16	.18	.05	-	.08	-	-	.03	-	-	.02	.47	.02		16
17	.02	.77	-	-	.04	-	.16	-	-	.23	.08	.28		17
18	-	.09	-	-	-	.02	.10	.01	-	.48	-	.03		18
19	.80	.23	.01	.04	-	.24	.01	.32	-	.17	-	-		19
20	.34	.20	.02	-	-	.02	-	.01	.03	.03	-	.01		20
21	.10	-	.04	.13	-	.03	-	-	-	-	-	-		21
22	.07	.64	.12	-	.05	.82	.18	-	-	-	-	-		22
23	-	-	.16	.10	.22	-	.44	-	-	.03	-	-		23
24	.28	.11	-	.03	.29	-	-	-	.20	.51	-	-		24
25	.12	.01	.07	.04	-	-	.02	-	.35	.39	-	-		25
26	-	.22	.72	-	-	-	-	-	.03	.70	-	-		26
27	.26	-	.07	-	-	-	-	-	.06	.58	-	-		27
28	.42	.96	.08	-	-	-	.23	-	-	-	.01	.10		28
29	.20	.62	.60	-	-	.48	-	-	-	.05	.03	.12		29
30	.08	X	-	-	.67	-	.06	.01	-	.68	.13	.04		30
31	.01	X	.06	X	-	X	-	-	X	-	X	.33		31
TOTAL	4.34 ✓	4.15 ✓	2.90 ✓	1.82 ✓	1.44 ✓	4.14 ✓	2.77 ✓	1.23 ✓	3.33 ✓	4.02 ✓	4.92 ✓	3.98 ✓	Year's Total 39.04	✓
* Days with .01 in. or more.	23 ✓	16	22 ✓	13 ✓	9 ✓	17 ✓	20 ✓	14 ✓	17 ✓	18	18 ✓	19 ✓	206	✓
* Days with .04 in. or more.	19 ✓	13 ✓	16 ✓	12 ✓	6 ✓	10 ✓	13 ✓	8 ✓	13 ✓	10 ✓	14 ✓	14 ✓	148	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Ewden (Broomhead Res.) check

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 484 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18	·15	·04	–	–	–	·01	–	·15	–	·05	·39		1
2	·27	·28	·03	·21	–	–	–	–	–	–	–	1·63		2
3	–	·11	·03	·15	·03	·01	–	–	–	–	–	·07		3
4	·31	·01	·10	·09	·03	–	–	–	–	–	–	·38		4
5	·92	–	·10	–	–	–	–	–	–	–	–	·04		5
6	·15	–	·07	·03	·07	–	·80	·18	–	–	·08	·24		6
7	·07	·62	–	·43	·07	·10	–	–	·03	–	·07	–		7
8	–	·46	·02	·09	–	–	·01	–	–	–	·15	·22		8
9	–	·40	–	·04	·35	–	·51	·02	–	–	–	–		9
10	·02	·22	·06	–	·01	·05	–	–	–	–	·02	·37		10
11	–	–	1·45	–	·80	–	–	–	–	–	–	·03		11
12	·16	·30	·14	–	·45	·11	–	–	·22	–	–	·19		12
13	–	·01	–	–	·04	·24	–	·06	·05	–	–	·17		13
14	–	·01	·28	·01	–	–	–	·19	·10	–	–	·23		14
15	·28	·37	–	·20	–	–	1·15	–	·10	–	–	·02		15
16	·02	·52	·47	·48	·01	·04	–	·14	·22	–	–	–		16
17	·26	·02	·34	·33	–	·05	–	–	·83	–	–	–		17
18	1·33	·11	·20	·01	–	–	·02	·04	–	–	·60	–		18
19	·01	·12	·01	·04	–	·11	·15	–	–	–	·55	–		19
20	·21	·23	·04	·20	·67	·01	–	–	·02	–	–	·01		20
21	·08	·03	·03	–	–	–	·21	–	–	·01	–	–		21
22	·02	–	·01	–	·07	–	·03	–	–	·21	·34	·02		22
23	·37	–	·01	–	·04	–	·15	–	–	1·29	·49	–		23
24	·42	·55	·07	–	·08	–	·03	–	–	·66	–	–		24
25	·12	·70	·15	–	–	–	–	–	·01	·40	–	·01		25
26	–	·32	·05	–	·40	–	–	·04	·01	–	–	·01		26
27	–	·27	·03	·22	–	–	–	–	–	·86	·01	·03		27
28	–	·68	·01	–	–	·04	–	–	–	·02	–	–		28
29	·04		–	–	–	–	–	–	–	·06	·01	·02		29
30	·44	✕	–	–	–	·01	–	·10	–	·03	·08	·07		30
31	·43	✕	–	✕	–	✕	–	–	✕	·23	✕	·02		31
TOTAL	6·11	6·49	3·74	2·53	3·12	·77	3·07	·77	1·74	3·77	2·45	4·17	Year's Total 38·73	✓
* Days with .01 in. or more.	22	23	24	15	15	11	11	8	11	10	12	21	183	✓
* Days with .04 in. or more.	18	18	15	12	11	8	6	7	7	7	9	12	130	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swaley

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Ewden, Broomhead Res. (Check)

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 484 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·06	–	–	·04	·78	·63	–	–	·03	·21	·29		1
2	·05	·03	–	·20	·07	·21	–	–	–	·42	·07	·04		2
3	·04	–	–	–	–	·01	·04	–	·05	1·98	·11	·02		3
4	·05	–	–	–	–	·04	·12	–	–	·36	·08	·35		4
5	–	–	–	–	–	–	·03	·20	·02	·65	·01	·08		5
6	·20	·03	–	–	–	·02	·37	·20	·08	·18	–	·02		6
7	·20	–	–	–	–	–	·24	·04	·59	·10	–	·04		7
8	·50	–	–	–	–	–	·35	–	–	·69	–	·07		8
9	·05	·33	–	–	–	·14	·03	·15	–	·04	–	·33		9
10	·01	·04	–	–	–	·04	·29	–	–	·08	·01	·10		10
11	·31	–	–	–	–	–	·03	·01	–	·06	·05	·08		11
12	·14	–	–	–	·09	–	–	·15	–	·76	·13	–		12
13	·05	·02	–	–	–	–	–	·01	·06	·31	·19	·28		13
14	·36	–	–	–	·01	–	·29	–	·27	–	–	·01		14
15	·92	–	–	–	–	–	·35	·01	–	·03	–	·41		15
16	·30	–	·02	–	·03	–	·35	·08	–	·03	·18	·31		16
17	–	·02	–	–	·19	–	·10	·02	·05	·09	–	·07		17
18	·13	–	–	–	·16	–	–	·13	·07	·25	·33	–		18
19	–	·01	–	–	·01	–	–	·18	–	–	–	·13		19
20	·03	–	–	–	–	–	–	–	·03	–	·38	·09		20
21	·01	–	–	–	–	–	–	–	·02	–	–	·23		21
22	·01	–	–	·01	–	·19	–	–	–	–	·40	·18		22
23	–	–	–	–	·06	·04	–	–	·30	–	·83	–		23
24	·06	·01	·15	–	·01	·01	–	·23	·10	–	·30	·03		24
25	·28	·25	·05	–	–	–	–	·03	–	·31	·78	·02		25
26	·05	·78	·03	–	–	·01	–	–	·20	·17	·03	–		26
27	·14	·17	–	–	·26	·40	·15	·60	·06	–	·48	–		27
28	·50	·08	–	–	·60	·40	·07	·53	·20	–	–	·06		28
29	·07		·11	·01	·90	·03	·06	–	·01	·02	·10	·06		29
30	·19	✕	–	–	·08	·03	–	–	·58	–	·16	·03		30
31	·33	✕	–	✕	·36	✕	–	–	✕	·45	✕	·79		31
TOTAL	4·98	1·83	·36	·22	2·87	2·35	3·50	2·57	2·69	7·01	4·83	4·12	Year's Total 37·33	
* Days with .01 in. or more.	26	13	5	3	15	15	17	16	17	21	20	26	194	
* Days with .04 in. or more.	22	7	3	1	11	9	14	11	13	17	17	20	145	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Ewden, Broomhead Res. (Check)

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 484 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	-	·15	·07	.	-	·14	·13	·02	·13	-	·19		1
2	·09	-	-	·16	-	-	·08	·09	·76	·11	·11	·08		2
3	·19	-	-	·23	-	-	-	·39	-	-	·27	·59		3
4	·21	-	·17	·57	-	-	·06	·12	-	·14	·10	1·18		4
5	-	-	-	-	·17	-	·11	·21	-	·44	·35	·13		5
6	·38	-	·04	-	-	-	·69	-	-	·05	·25	.		6
7	·10	·21	·26	-	-	-	·04	-	-	·02	·38	·18		7
8	·20	·16	·38	-	-	-	·17	·02	-	·03	·50	·30		8
9	·08	·27	.	-	-	-	·03	·23	-	·78	·03	·33		9
10	·50	-	·01	-	-	·01	-	·13	·10	·07	-	.		10
11	·11	·03	·14	-	·02	·28	-	·02	·01	·03	-	·02		11
12	·20	·30	-	-	·04	·10	.	-	-	-	-	·02		12
13	-	-	-	·05	·04	·14	·01	-	-	·07	·05	.		13
14	·70	-	·03	·09	·38	·13	·61	-	-	·39	·15	.		14
15	·16	-	·02	·09	·24	·34	·08	-	-	-	·05	-		15
16	·03	-	·18	.	1·30	·01	·26	-	·01	.	·09	.		16
17	·96	·10	·03	·25	·15	-	·03	-	-	1·21	·02	.		17
18	·37	·07	·01	.	-	·29	·13	-	·04	·01	1·09	.		18
19	·27	-	-	-	-	·39	·61	·01	·20	-	-	·02		19
20	·01	-	-	-	.	·23	·32	·40	·33	.	-	.		20
21	·10	·15	·35	·09	-	·11	·32	·01	·36	-	.	.		21
22	·21	·49	·17	-	-	·01	·06	-	·05	·02	·36			22
23	·08	·19	·02	·11	-	·08	·05	-	-	·19	·29	.		23
24	·02	·03	·04	·05	-	·03	·28	·02	-	-	.			24
25	·54	·12	-	-	·01	·01	-	·42	.	-	1·38	·01		25
26	·06	·11	-	·06	-	-	-	-	-	·05	·40	·11		26
27	·05	·14	·75	-	.	·14	·03	-	-	·27	·41	.		27
28	·05	·11	·47	·16	-	·12	·22	·02	-	-	·28	.		28
29	.	×	·03	·05	-	-	1·68	-	.	·27	·27	.		29
30	-	×	-	-	.	·05	·03	-	.	.	·28	.		30
31	-	×	-	×	-	×	·20	·03	×	·10	×	.		31
TOTAL	5·71	2·48	3·25	2·03	2·35	2·46	6·24	2·25	1·88	4·38	7·11	3·16	Year's Total 43·30	
* Days with .01 in. or more.	26	15	19	14	9	17	25	16	10	20	22	13	206	
* Days with .04 in. or more.	23	13	12	14	7	13	20	9	7	15	20	9	162	

† Spare column, no entries required

(*Signed*) ....

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3139/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930.

Kept at Ewden, Broomhead Res. (Check)

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 484 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·16		·10							·45	·03		1
2		·02		·30			·03				·70	·05		2
3	·06	·39		·04						·20	·04	·01		3
4		·06		·10						·28	·32	·10		4
5					·09		·01			·34	·23	·74		5
6	·04	·20								1·11	·09	·19		6
7	·01	·17		·21	·26			·03	·09	·01		·01		7
8	·01	·01		·05					·01	·27		·11		8
9			·15	·01			·07	·12	·03	·29	·88	·13		9
10							·61	·08			·56	·74		10
11		·10	·05				·15				1·39	·01		11
12		·05	·40				·06		·10		·73	-		12
13		·04	·45					·01	·41		·03	·01		13
14			·04	·36	·15		·13		·05	·03	·02	·38		14
15			·12	·03	·03					·01	·23	·03		15
16	·16	·15	·09	·02			·39		·60	·76	·57	·05		16
17			·43				·36		·25	·01	·38	-		17
18	·08	·27	·09	1·19			·06	·01	·19	·03	·09	·12		18
19		·18	·24	·21		·01	·35		·49	·09	·24	·02		19
20		·01	·04	·41		·01	·09	·13	·01	·08	·20	-		20
21	·07		·10	·01		·22	·04	·02		·05	1·26	-		21
22	·01	·01	·02		·19	·13			·17	·02		·07		22
23		·11	·09	·03	·06	·12			·01	·11	·13	·04		23
24	·27			·03			·04		·02	·08		·08		24
25	·11					·05				·06		-		25
26	·57	·04			·03	·02	·27	·02		·08	·04	-		26
27	1·02	·11					·03	·07	·02		·05	-		27
28	1·13	·64		·02	·09							-		28
29			·18	·06		·02			·01	·02		·04		29
30	·18	✕		·53						·31		·26		30
31	·18	✕	·26	✕		✕			✕	·93	✕	·53		31
TOTAL	(3·90)	2·72	2·75	3·71	·90	·58	2·69	·49	2·46	5·16	8·63	3·75	Year's Total 37·74	
* Days with .01 in. or more.	15	19	16	19	8	8	16	9	16	23	22	23	194	
* Days with .04 in. or more.	12	15	15	12	6	4	13	4	9	16	20	16	142	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John V. Swales

[P.T.O.

FORM 1090. **B** Month
Summ

3140

—
3140
EWDEN MARGERY HILL No 1
1931, 32

780507

*** The following register of monthly to
&c., is NOT required if daily or w
values are given on the other side.

also the space for

should be sent:—
eral Manager
and Engineer
ffield

RAINFALL IN 1931 (N

At Margery Hill (Ewa
In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before
Height of Top above Ground
Height of Ground above Sea Level

Summer 9 am
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Number Days w	
	Inches.	Inches.	Date.	·01 in or more *	o
JAN.	6·94 ✓				
FEB.	5·78 ✓				
MAR.	·41 ✓				
APRIL	4·74 ✓				
MAY	3·10 ✓				
JUNE	5·74 ✓				
JULY	5·82 ✓				
AUG.	8·56 ✓				
SEPT.	5·17 ✓				
OCT.	2·51 ✓				
NOV.	7·87 ✓				
DEC.	2·44 ✓				
Total	59·08 ✓				

Signature

*See Instruction 2 (*f*) below.

Directions from gauge .. None

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

footnote gauge over-exposed.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Month
Summ

3140

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931 (No 1)

At Margery Hill (Ewden)

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·94 ✓				
FEB.	5·78 ✓				
MAR.	·41 ✓				
APRIL	4·74 ✓				
MAY	3·10 ✓				
JUNE	5·74				
JULY	5·82 ✓				
AUG.	8·56 ✓				
SEPT.	5·17 ✓				
OCT.	2·51 ✓				
NOV.	7·87 ✓				
DEC.	2·44 ✓				
Total	59·08 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K Swales · M·Inst CE · General Manager and Engineer
Water Dept. Town Hall · Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

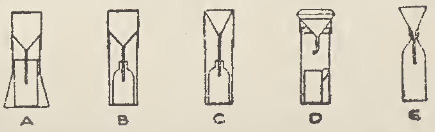
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

footnote
gauge over-exposed

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3140

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Margery Hill (No 1)

In the County of Yorkshire

Rain Gauge

Diameter of Funnel As .... in.

Height of Top above Ground Before .... *in.*

Height of Ground above Sea Level .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	7·05				
FEB.	·75				
MAR.	3·66				
APRIL	5·81				
MAY	6·45				
JUNE	·85				
JULY	5·56				
AUG.	2·51				
SEPT.	4·78				
OCT.	8·16				
NOV.	4·92				
DEC.	2·40				
Total	52.90	✓			

Signature

*See Instruction 2 (*f*) below.

Ewden

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K Swales Esq M. Inst C.E — Engineer and Manager
Water Dept — Town Hall — Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

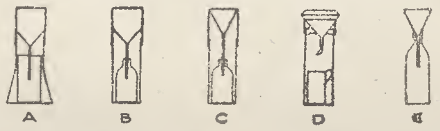
Nature of objects nearest to gauge				
Heights of objects	As			
Distances ..		Before		
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This gauge was abandoned Jan 1: 1933 in favour of Margery Hill (No 2) an adjacent and better site which will in future be returned as Margery Hill.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M S

Ewden :

3140/1

3140/1

EWDEN, MARGERY HILL No2

1931 —— 40

780507

*** The following register of mon &c., is NOT required if daily values are given on the other

and also the space for

RAINFALL IN 193

Ewden

At (Margery Hill) (

In the County of Yorkshire

Rain Gauge { Diameter of Funnel 5

Height of Top above Ground 1 f

Height of Ground above Sea Level

egister should be sent:—

neral Manager & Engineer

ld.

in Summer 9 a.m.

4½ miles Direction from gauge N.

3¼ Direction from gauge N.N.E

nd.

gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		*	*
	Inches.	Inches.	Date.		
JAN.	6·94	✓			
FEB.	6·18	✓			
MAR.	1·03	✓			
APRIL	5·27	✓			
MAY	3·42	✓			
JUNE	5·96	✓			
JULY	6·31	✓			
AUG.	9·02	✓			
SEPT.	6·32	✓			
OCT.	2·62	✓			
NOV.	7·92	✓			
DEC.	2·71	✓			
Total	63.70	✓			

Signature John K. Dewales

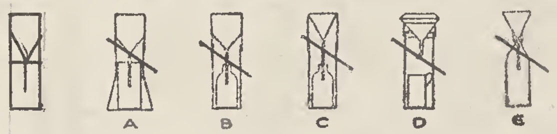
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note :– New Check Gauge on Margery Hill from Jan 1/1931. This gauge is within 100 ft of No 1.

O.S. map No 37. F7.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

N

Ewden :

3140/1

FORM 1090. **B** M
Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

Ewden No 47

At Margery Hill (No 2)

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 1784 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·94	✓			
FEB.	6·18	✓			
MAR.	1·03	✓			
APRIL	5·27	✓			
MAY	3·42	✓			
JUNE	5·96	✓			
JULY	6·31	✓			
AUG.	9·02	✓			
SEPT.	6·32	✓			
OCT.	2·62	✓			
NOV.	7·92	✓			
DEC.	2·71	✓			
Total	63.70 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales. M. Inst. C.E. General Manager & Engineer
Water Dept. Town Hall. Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Hazlehead Distance 4½ miles Direction from gauge N.

Nearest Parish Church at Langsett Distance 3¼ Direction from gauge N.N.E

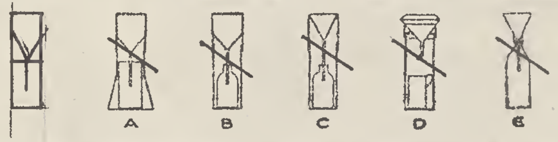
Nature of objects nearest to gauge	Part of Margery Stones	Moorland.		
Heights of objects	12 ft	532727		
Distances ..	130 yds	1.42.51		
Directions from gauge ..	S.			

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note :— New Check Gauge on Margery Hill from Jan 1/1931. This gauge is within 100 ft of No 1.

O.S. map No 37. F.7.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

Form 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932.

At Margery Hill (No 2)

In the County of Yorkshire

Rain Gauge: Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more*	·04 in. or more*
	Inches	Inches	Date.		
JAN.	7·21				
FEB.	·76				
MAR.	3·60				
APRIL	5·94				
MAY	6·53				
JUNE	·87				
JULY	5·60				
AUG.	2·55				
SEPT.	5·18				
OCT.	8·23				
NOV.	4·96				
DEC.	2·49				
Total	53·92 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Ewden 3140/1

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M.Inst.C.E. Engineer & Manager
Water Dept - Town Hall Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

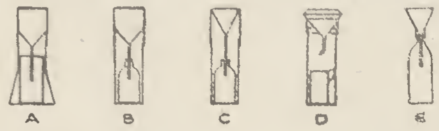
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden

3140/1

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Margery Hill

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·43				
FEB.	8·96				
MAR.	3·64				
APRIL	2·14				
MAY	2·60				
JUNE	3·12				
JULY	4·56				
AUG.	1·00				
SEPT.	2·74				
OCT.	6·23				
NOV.	2·93				
DEC.	·68				
Total	43·03 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden

FORM 1090.

B Monthly Summary.

_ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Margery Hill (No 2)
In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft. .... in.
Height of Ground above Sea Level .... ft.

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·84				
FEB.	·32				
MAR.	5·36				
APRIL	3·21				
MAY	3·05				
JUNE	2·00				
JULY	3·12				
AUG.	2·59				
SEPT.	4·48				
OCT.	4·97				
NOV.	4·17				
DEC.	8·02				
Total	46·13				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7.

3140/1

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M-Inst CE Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

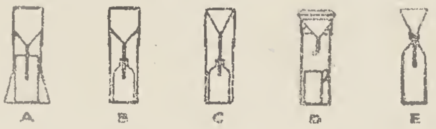
as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Ewden

3140/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Margery Hill

In the County of Yorkshire

Rain Gauge
~~Diameter of Funnel .... in.~~
~~*Height of Top above Ground* .... in.~~ as B'Stone
~~*Height of Ground above Sea Level* .... ft.~~

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.42				
FEB.	9.65				
MAR.	3.10				
APRIL	4.05				
MAY	.42				
JUNE	4.15				
JULY	2.12				
AUG.	2.24				
SEPT.	6.87				
OCT.	11.96				
NOV.	8.99				
DEC.	5.42				
TOTAL	62.39				

Signature John K Swales

Plot this

*See Instruction 2 (*f*) below.

C Particulars of Station, ~~407~~ 7

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J.K. Swales Esq. M.Inst.C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

~~Nearest Railway Station .... Distance .... Direction from gauge ....~~

~~Nearest Parish Church at .... Distance .... Direction from gauge ....~~

as B'Stone

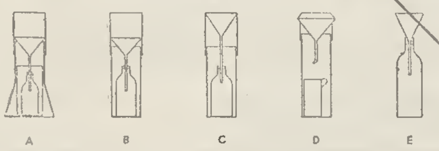
~~Nature of objects nearest to gauge~~
~~Height of objects~~
~~Distances ...~~
~~Directions from gauge ...~~

~~**If gauge has been moved during the year state**—~~

~~Date of move .... Distance .... Direction ....~~

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~



~~**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address :—~~

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY. 3140/1

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Margery Hill.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*......*ft*......*in.* As before.
- *Height of Ground above Sea Level*..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.79				
FEB.	5.67				
MAR.	4.93				
APRIL	2.46				
MAY	1.96				
JUNE	4.90				
JULY	5.18				
AUG.	2.10				
SEPT.	7.05				
OCT.	6.11				
NOV.	7.10				
DEC.	5.96				
TOTAL	✓ 59.21				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

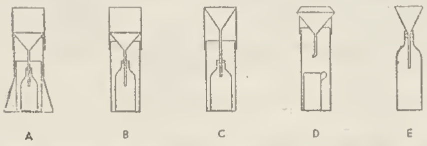
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3140/1

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Ewden (Mangery Hill) No2

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1784 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches ✓	Inches	Date	*	*
JAN.	7·96				
FEB.	8·63 ✓				
MAR.	5·51 ✓	✓			
APRIL	3·50 ✓				
MAY	3·64 ✓				
JUNE	1·72 ✓				
JULY	3·80 ✓				
AUG.	1·48 ✓				
SEPT.	2·10 ✓				
OCT.	4·31 ✓				
NOV.	2·78 ✓				
DEC.	5·21 ✓				
TOTAL	50·64	✓ ✓			

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K Swales Esq M. Inst C E
General Manager and Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... **Distance** .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

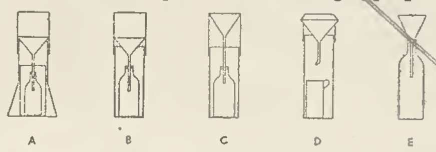
Nature of objects nearest to gauge				
Height of objects				
Distances ...	As before			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3140/1

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ewden, Margery Hill No 2,

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 1784 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·09				
FEB.	3·21 ✓				
MAR.	1·75 ✓				
APRIL	·55 ✓				
MAY	4·16 ✓				
JUNE	4·58 ✓				
JULY	5·96 ✓				
AUG.	3·84 ✓				
SEPT.	3·77 ✓				
OCT.	11·24 ✓				
NOV.	7·31 ✓				
DEC.	5·71 ✓				
TOTAL	59·17 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer

Sheffield Corporation Waterworks Town Hall Sheffield

No 47

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

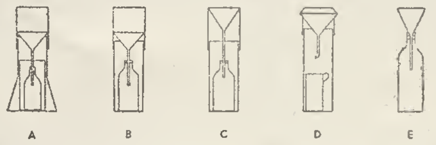
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3140/1

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Ewden, Margery Hill No 2.

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1784 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·48				
FEB.	4·54 ✓				
MAR.	3·71 ✓				
APRIL	3·19 ✓				
MAY	2·56 ✓				
JUNE	3·71 ✓				
JULY	8·96 ✓				
AUG.	3·53 ✓				
SEPT.	2·91				
OCT.	5·38 ✓				
NOV.	10·21 ✓				
DEC.	3·43 ✓				
TOTAL	59·91				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer,
Sheffield Corporation Waterworks Town Hall Sheffield

No 47

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

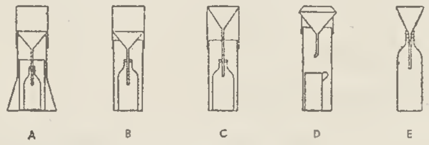
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3140/1

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Ewden, Margery Hill No 2

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1784 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(5.27)				
FEB.	(3.65)				
MAR.	4.27				
APRIL	4.05				
MAY	1.18				
JUNE	·90				
JULY	3.91				
AUG.	1.79				
SEPT.	5.54				
OCT.	6.05				
NOV.	11.59				
DEC.	(4·98)				
TOTAL	(53·18)				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

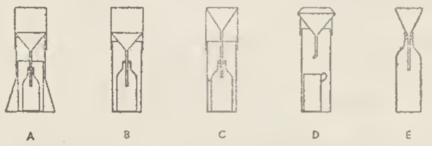
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-999

FORM 1090. **B** M S

3140/4

WR7.

3140/4

EWDEN, WALDERSHAIGH

1931 — 39

7P0507

*** The following register of mon &c., is NOT required if daily values are given on the other

and also the space for

egister should be sent :—

RAINFALL IN 193

At Ewden Waldershaigh

In the County of Yor

Rain Gauge
Diameter of Funnel
Height of Top above Ground ft
Height of Ground above Sea Level

in Summer
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	3.67				
FEB.	4.14				
MAR.	·22				
APRIL	4.79				
MAY	3.18				
JUNE	5.76				
JULY	3.61				
AUG.	6.75				
SEPT.	5.26				
OCT.	1.27				
NOV.	4.32				
DEC.	1.32				
Total	44.29				

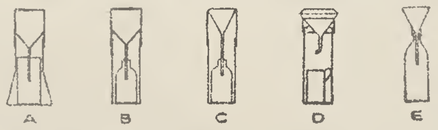
Directions from gauge ..

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Suggested abandoned 1932, as not ideal.

Signature Sheffield Corporation W.W.

OS. map 37. F.10.

This gives 120% of av from survey. I think it is OK

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B**

3140/4

4A70. WR 7.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Ewden Waldershaigh No 51

In the County of York

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level 875 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3.67				
FEB.	4.14				
MAR.	·22				
APRIL	4.79				
MAY	3.18				
JUNE	5.76				
JULY	3.61				
AUG.	6.75				
SEPT.	5.26				
OCT.	1.27				
NOV.	4.32				
DEC.	1.32				
Total	44.29				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

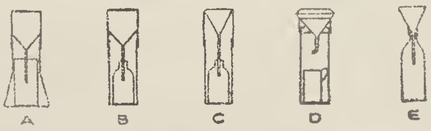
Nature of objects nearest to gauge	53° 27' 55"			
Heights of objects	1° 36' 16"			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Suggested abandoned 1932, as not ideal.

Signature Sheffield Corporation W.W.

This gives 120% of av from survey. I think it is OK

OS. map 37. F.10.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden 3140/A

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Waldershaigh

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·12				
FEB.	·62				
MAR.	2·31				
APRIL	4·15				
MAY	7·04				
JUNE	·78				
JULY	4·68				
AUG.	2·32				
SEPT.	2·02				
OCT.	5·44				
NOV.	3·47				
DEC.	1·57				
Total	37·52 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq M: Inst: CE - Engineer & Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

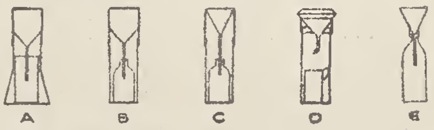
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Waldershaigh

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2.84				
FEB.	6.25				
MAR.	2.83				
APRIL	1.04				
MAY	2.62				
JUNE	2.28				
JULY	2.12				
AUG.	.53				
SEPT.	2.79				
OCT.	5.50				
NOV.	2.35				
DEC.	.64				
Total	31.79				

Signature John K Swales

*See Instruction 2 (*f*) below.

Ewden

3140/4

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

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(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Waldershaigh

In the County of Yorkshire

Rain Gauge { Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·15				
FEB.	·37				
MAR.	3·95				
APRIL	3·08				
MAY	1·97				
JUNE	1·49				
JULY	1·90				
AUG.	1·48				
SEPT.	2·42				
OCT.	3·17				
NOV.	2·65				
DEC.	5·00				
Total	30·63				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station., No 7

Ewden

3140/4

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst C E - Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

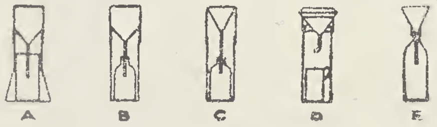
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

1)

Ewden

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Waldershaigh

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

as Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.40				
FEB.	5.30				
MAR.	1.52				
APRIL	2.94				
MAY	.46				
JUNE	4.76				
JULY	1.29				
AUG.	2.42				
SEPT.	4.59				
OCT.	6.29				
NOV.	6.77				
DEC.	3.73				
TOTAL	42.47				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, ~~115~~ 7 3140/4

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M: Inst CE Manager & Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

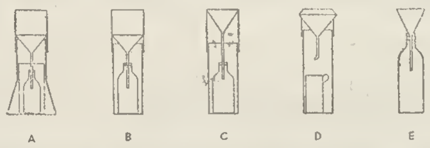
as Before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address ;—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY

3140/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Waldershaigh.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel.......in.
Height of Top above Ground.......ft.......in.
Height of Ground above Sea Level.......ft.
As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.08				
FEB.	4.04				
MAR.	2.91				
APRIL	1.89				
MAY	1.67				
JUNE	4.70				
JULY	2.72				
AUG.	.98				
SEPT.	3.45				
OCT.	3.52				
NOV.	4.66				
DEC.	3.90				
TOTAL	38.52				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station....... Distance....... Direction from gauge.......

Nearest Parish Church at....... Distance....... Direction from gauge.......

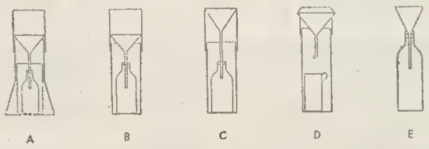
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move....... Distance....... Direction.......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

- (a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3140/4

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Euden (Walderohaugh)

In the County of Yorks

Rain Gauge:
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 875 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·95				
FEB.	6·48				
MAR.	3·53				
APRIL	2·61				
MAY	3·32				
JUNE	·79				
JULY	2·73				
AUG.	·79				
SEPT.	1·57				
OCT.	3·88				
NOV.	2·56				
DEC.	3·53				
TOTAL	37·74				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

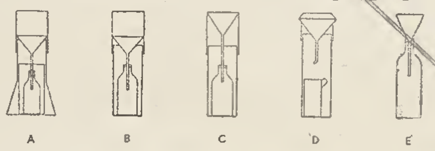
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 663/91. S.O. Code No. 40-9999

3140/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ewden, Waldershaigh No. 51

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 875 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·05				
FEB.	1·64				
MAR.	·36				
APRIL	·17				
MAY	2·91				
JUNE	2·37				
JULY	3·51				
AUG.	2·75				
SEPT.	2·66				
OCT.	5·83				
NOV.	3·97				
DEC.	3·37				
TOTAL	33·59				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— John K Swales Esq. M.Inst.C.E. General Manager & Engineer Sheffield Corporation Waterworks Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

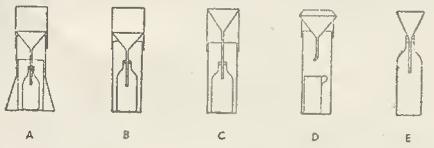
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3140/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Ewden, Waldershaigh No 51

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 815 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·64				
FEB.	2·02 ✓				
MAR.	3·06 ✓				
APRIL	2·09 ✓				
MAY	2·55 ✓				
JUNE	2·30 ✓				
JULY	5·91 ✓				
AUG.	1·96 ✓				
SEPT.	1·80 ✓				
OCT.	4·23				
NOV.	5·82 ✓				
DEC.	2·76				
TOTAL	40·14				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer,
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

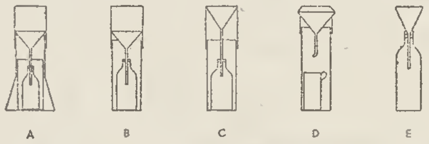
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Ewden·3141

3141

EWDEN, BROWN EDGE

1931 — 40

7P0507

FORM 1090. **B** M
S

*** The following register of mon
&c., is NOT required if daily
values are given on the other

and also the space for

egister should be sent:—
ral Manager and Engineer.
eld

in Summer 9 a.m.

Direction from gauge

Direction from gauge

RAINFALL IN 193

At Brown Edge (Ewde

In the County of Yorkshir

Rain Gauge
~~Diameter of Funnel~~ As Before
~~*Height of Top above Ground*~~ ft
Height of Ground above Sea Level

gauge ..

For

Month.	Total Depth.	Greatest Fall in 24 hours.	
	Inches.	Inches.	Date.
JAN.	6·40	✓	
FEB.	6·18	✓	
MAR.	·73	✓	
APRIL	5·42	✓	
MAY	3·14	✓	
JUNE	5·81	✓	
JULY	5·01	✓	
AUG.	8·06	✓	
SEPT.	5·97	✓	
OCT.	2·14	✓	
NOV.	7·05	✓	
DEC.	2·21	✓	
Total	58·12	✓	

Signature John K Swales

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

Ewden·3141

FORM 1090. **B** M Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Brown Edge (Ewden)

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·40	✓			
FEB.	6·18	✓			
MAR.	·73	✓			
APRIL	5·42	✓			
MAY	3·14	✓			
JUNE	5·81	✓			
JULY	5·01	✓			
AUG.	8·06	✓			
SEPT.	5·97	✓			
OCT.	2·14	✓			
NOV.	7·05	✓			
DEC.	2·21	✓			
Total	58·12	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - M: Inst: C.E. - General Manager and Engineer.
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

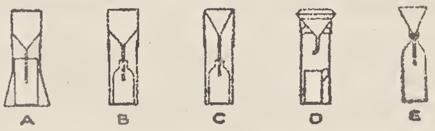
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

Ewden 3141

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Brown Edge

In the County of Yorkshire

Rain Gauge
Diameter of Funnel.......... in.
Height of Top above Ground ..... *ft.* ..... *in.*
Height of Ground above Sea Level ..... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·34				
FEB.	·74				
MAR.	3·73				
APRIL	5·83				
MAY	6·84				
JUNE	·81				
JULY	5·67				
AUG.	2·82				
SEPT.	4·09				
OCT.	7·65				
NOV.	4·81				
DEC.	2·30				
Total	51·63	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst. C.E. – Engineer & Manager
Water Dept – Town Hall – Sheffield

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Ewden

3141

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Brown Edge

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·43				
FEB.	8·96				
MAR.	3·64				
APRIL	1·73				
MAY	3·03				
JUNE	2·62				
JULY	2·95				
AUG.	·50				
SEPT.	2·72				
OCT.	5·81				
NOV.	2·72				
DEC.	·58				
Total	39·69				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

Ewden

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Brown Edge

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·53				
FEB.	·28				
MAR.	4·51				
APRIL	3·15				
MAY	2·71				
JUNE	1·62				
JULY	2·71				
AUG.	2·42				
SEPT.	3·61				
OCT.	5·02				
NOV.	3·17				
DEC.	6·75				
Total	40·48				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7.

3141

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales M. Inst CE Engineer Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Ewden

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Brown Edge

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ..... in.
- *Height of Top above Ground* ..... *in.*
- *Height of Ground above Sea Level* ..... *ft.*

As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·42				
FEB.	8·32				
MAR.	2·55				
APRIL	3·81				
MAY	·39				
JUNE	3·95				
JULY	1·90				
AUG.	2·21				
SEPT.	6·32				
OCT.	10·54				
NOV.	8·81				
DEC.	5·10				
TOTAL	57·32				

Signature John N Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, ~~No 7~~ 3141

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Engineer Manager
Water Dept. Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ..... Distance ..... Direction from gauge .....

Nearest Parish Church at ..... Distance ..... Direction from gauge .....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

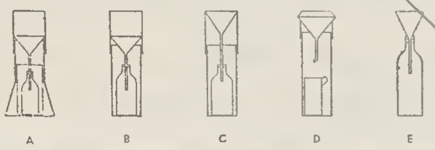
As before

If gauge has been moved during the year state—

Date of move ..... Distance ..... Direction .....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY.

3141

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Brown Edge.

In the County of Yorkshire.

Rain Gauge

Diameter of Funnel ....in.

Height of Top above Ground ......ft.......in. As before.

Height of Ground above Sea Level ....ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.38				
FEB.	5.31				
MAR.	4.27				
APRIL	2.12				
MAY	1.70				
JUNE	4.85				
JULY	4.86				
AUG.	1.92				
SEPT.	5.87				
OCT.	5.65				
NOV.	6.69				
DEC.	5.46				
TOTAL	54.08				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

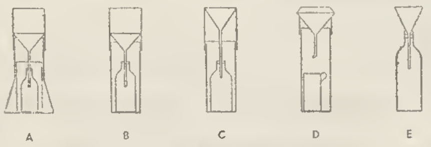
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **E**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3141

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Ewden (Brown Edge)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1325 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7.36				
FEB.	8·23				
MAR.	5.16				
APRIL	3.02				
MAY	3.67				
JUNE	1.70				
JULY	3.49				
AUG.	1.06				
SEPT.	1.98				
OCT.	4.10				
NOV.	2.76				
DEC.	4·96				
TOTAL	47·49				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

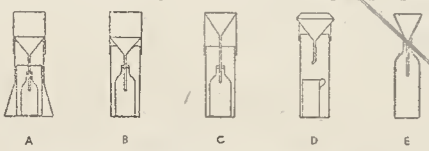
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ewden, Brown Edge

In the County of W. R. Yorks

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1325 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·40				
FEB.	2·81				
MAR.	1·38				
APRIL	·41				
MAY	3·84				
JUNE	3·65				
JULY	6·34				
AUG.	3·42				
SEPT.	3·50				
OCT.	10·92				
NOV.	5·61				
DEC.	4·69				
TOTAL	53·97				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer

Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

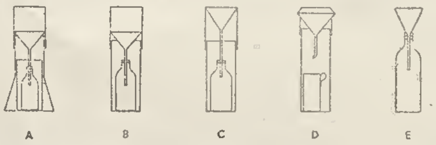
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES [illegible] MONTHLY

D INSTRUCTIONS.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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3141

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939.

At Ewden, Broom Edge

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1325 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·98				
FEB.	4·34				
MAR.	3·65				
APRIL	2·57				
MAY	2·34				
JUNE	3·39				
JULY	7·00				
AUG.	2·91				
SEPT.	2·65				
OCT.	4·35				
NOV.	9·63				
DEC.	4·26				
TOTAL	54·07				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

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John K Swales Esq. M.Inst.C.E. General Manager & Engineer,
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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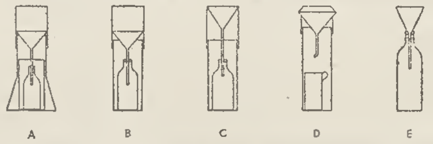

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

Form 1090. **B** Monthly Summary. **C** Particulars of Station. 3141 ✓

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40.

At Emden, Brown Edge

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1325 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·93)				
FEB.	(3·50)	✓			
MAR.	3·98	✓			
APRIL	4·12	✓			
MAY	1·01	✓			
JUNE	·97	✓			
JULY	3·54	✓			
AUG.	1·16	✓			
SEPT.	4·98	✓			
OCT.	5·82	✓			
NOV.	10·69				
DEC.	4·53				
TOTAL	49·23	✓			

Signature John K Swales

* See Instruction 3 (*f*) below.

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John K. Swales Esq. M. Inst. C.E., General Manager & Engineer
Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

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Height of objects				
Distances ...				
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Date of move .... Distance .... Direction ....

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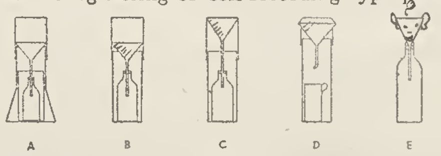

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3142

Section **A** for the entry o
AIR MINISTR

FORM 1090.

REGIS

Kept at The Gardens. Wen
in the County of Yorks
Diameter of Funnel of Gauge
Height of top of Gauge above Groun
,, Ground ,, Sea I

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

3̄142

WENTWORTH WOODHOUSE THE GARDENS
1931 — 40

780507

OPY FOR OFFICIAL USE.
ORGANIZATION.

lowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.			in.	in.	in.	in.	in.	in.	in.	
1	—	·02	·07	—	—	·13	—	—	·04	—	—	·01	1
2	—	·01	·01	·69	·02	·58	—	—	·60	·05	—	·15	2
3	·04	·01	—	·05	—	·04	—	—	1·53	—	·38	·10	3
4	—	·09	—	—	—	—	·05	·18	·90	·01	·02	·02	4
5	—	·02	—	—	·21	1·18	·30	·78	·08	—	—	·28	5
6	—	·28	·01	—	—	·08	·67	—	·03	·14	·38	·02	6
7	—	—	·02	—	—	·85	·20	·90	—	·09	·18	·01	7
8	—	·03	·07	—	·04	·05	·06	·48	—	—	·21	—	8
9	—	·24	—	·33	·10	·06	·02	·30	·08	—	·15	·01	9
10	—	·18	—	—	—	·01	—	·02	—	—	·10	—	10
11	—	·32	—	—	—	—	·04	—	·20	—	·07	—	11
12	—	·07	—	—	—	—	·88	—	·03	·04	—	—	12
13	—	—	—	—	—	·02	·02	·10	·01	—	—	—	13
14	·04	—	·01	—	—	·87	1·32	1·01	—	—	·63	—	14
15	—	·09	—	·07	·03	·03	·04	—	—	—	—	—	15
16	·13	·29	—	·19	·17	·70	—	·37	·26	—	—	—	16
17	—	·03	—	·38	·05	·05	·05	·12	—	·06	—	—	17
18	·02	·02	—	·21	—	·10	·31	·08	—	—	·72	—	18
19	·07	—	—	·09	—	·03	·08	·11	—	·04	—	—	19
20	—	·11	—	·08	—	—	·01	·36	·14	—	·01	—	20
21	—	·11	—	·02	·28	—	—	—	—	—	·07	—	21
22	·16	·01	—	·01	·20	—	—	—	—	—	—	—	22
23	·38	—	—	·12	·63	·19	·16	—	—	—	·23	—	23
24	·05	—	—	·04	·48	—	·23	—	—	—	·01	—	24
25	·05	·07	—	·40	—	—	·36	—	—	—	—	—	25
26	·08	·15	—	·38	·05	—	·07	—	—	—	·25	·09	26
27	·10	·15	—	—	—	—	·02	—	—	·17	·27	—	27
28	·20	·31	—	—	·40	—	·01	—	·01	—	·01	·10	28
29	·16	×	—	—	·08	—	·07	—	·01	·09	·02	·06	29
30	·02	×	—	—	·06	—	·01	—	—	·03	—	—	30
31	·28	×	—	×	·01	×	—	—	×	—	×	—	31
TOTAL	1·78	2·61	·19	3·06	2·87	4·97	4·98	4·81	3·92	·72	3·71	·85	YEAR'S TOTAL 34·41
*Days with ·01 in. or more.	15	22	6	15	16	17	23	13	14	10	18	11	180
*Days with ·04 in. or more.	13	14	2	13	13	13	17	12	9	8	13	6	133

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*See Instruction 2 (*f*) on other side.

(*Signed*) Alexander G Reid

P.T.O.

3142

Section **A** for the entry o PY FOR OFFICIAL USE.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at The Gardens, Wentworth-Woodhouse
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground — ft. 10 in.
,, Ground ,, Sea Level 360 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·02	·07	—	—	·13	—	—	·04	—	—	·01	1
2	—	·01	·01	·69	·02	·58	—	—	·60	·05	—	·15	2
3	·04	·01	—	·05	—	·04	—	—	1·53	—	·38	·10	3
4	—	·09	—	—	—	—	·05	·18	·90	·01	·02	·02	4
5	—	·02	—	—	·21	1·18	·30	·78	·08	—	—	·25	5
6	—	·28	·01	—	—	·08	·67	—	·03	·14	·38	·02	6
7	—	—	·02	—	—	·85	·20	·90	—	·09	·18	·01	7
8	—	·03	·07	—	·04	·05	·06	·48	—	—	·21	—	8
9	—	·24	—	·33	·10	·06	·02	·30	·08	—	·15	·01	9
10	—	·18	—	—	—	·01	—	·02	—	—	·10	—	10
11	—	·32	—	—	—	—	·04	—	·20	—	·07	—	11
12	—	·07	—	—	—	—	·88	—	·03	·04	—	—	12
13	—	—	—	—	—	·02	·02	·10	·01	—	—	—	13
14	·04	—	·01	—	—	·87	1·32	1·01	—	—	·63	—	14
15	—	·09	—	·07	·03	·03	·04	—	—	—	—	—	15
16	·13	·29	—	·19	·17	·70	—	·37	·26	—	—	—	16
17	—	·03	—	·38	·05	·05	·05	·12	—	·06	—	—	17
18	·02	·02	—	·21	—	·10	·31	·08	—	—	·72	—	18
19	·07	—	—	·09	—	·03	·08	·11	—	·04	—	—	19
20	—	·11	—	·08	—	—	·01	·36	·14	—	·01	—	20
21	—	·11	—	·02	·28	—	—	—	—	—	·07	—	21
22	·16	·01	—	·01	·20	—	—	—	—	—	—	—	22
23	·38	—	—	·12	·63	·19	·16	—	—	—	·23	—	23
24	·05	—	—	·04	·48	—	·23	—	—	—	·01	—	24
25	·05	·07	—	·40	—	—	·36	—	—	—	—	—	25
26	·08	·15	—	·38	·05	—	·07	—	—	—	·25	·09	26
27	·10	·15	—	—	—	—	·02	—	—	·17	·27	—	27
28	·20	·31	—	—	·40	—	·01	—	·01	—	·01	·10	28
29	·16	×	—	—	·08	—	·07	—	·01	·09	·02	·06	29
30	·02	×	—	—	·06	—	·01	—	—	·03	—	—	30
31	·28	×	—	×	·01	×	—	—	×	—	×	—	31
TOTAL	1·78	2·61	·19	3·06	2·81	4·97	4·98	4·81	3·92	·72	3·71	·85	YEAR'S TOTAL 34·41.
*Days with ·01 in. or more.	15	22	6	15	16	17	23	13	14	10	18	11	180.
*Days with ·04 in. or more.	13	14	2	13	13	13	17	12	9	8	13	6	133.

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(Signed) Alexander G. Reid

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3142

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at The Gardens Wentworth-Woodhouse

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 10 in.

,, Ground ,, Sea Level 360 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·02	—	·07	·67	—	·04	·01	·19	·09	—	—	1
2	·05	—	—	·08	·31	—	—	·02	·17	·01	—	·13	2
3	—	—	—	·10	·01	—	·20	·01	·01	·02	·04	·06	3
4	·01	—	—	·18	·04	—	—	—	—	—	·07	·01	4
5	—	—	·05	·01	·04	—	—	—	·02	—	—	—	5
6	·71	—	·18	·17	—	—	—	—	·05	—	—	—	6
7	—	—	·16	·22	—	—	—	—	·19	·22	·03	—	7
8	—	—	—	·06	·01	—	—	—	·15	·07	—	—	8
9	·07	·23	—	·08	—	—	—	—	TRACE	·08	—	—	9
10	·11	·01	·06	·07	—	—	—	—	·09	·07	—	·15	10
11	·13	·03	·02	·01	·08	·08	1·05	—	—	·23	·05	—	11
12	·11	TRACE	—	TRACE	·08	·03	·04	—	—	·17	·05	—	12
13	·07	·12	—	·10	·01	—	·35	—	·01	·26	·05	·05	13
14	—	—	—	·05	TRACE	—	·13	TRACE	—	·02	·17	—	14
15	—	—	—	·02	·15	—	—	—	—	·05	·02	·06	15
16	·22	—	—	·24	·07	—	·97	—	—	·01	·02	—	16
17	—	—	—	·01	·02	—	·05	—	—	·16	·01	—	17
18	—	—	—	—	TRACE	—	·03	—	—	—	TRACE	—	18
19	—	—	—	·08	TRACE	—	—	·04	—	·08	—	—	19
20	—	·02	—	·03	·72	—	·01	·88	—	·20	—	—	20
21	—	—	·20	—	3·51	—	·05	·79	—	·52	·08	·05	21
22	—	—	·25	·16	·34	—	·06	—	·25	·03	·40	·03	22
23	—	—	—	·08	·08	—	·03	—	·02	·07	·17	·05	23
24	·03	—	—	TRACE	—	—	·75	—	—	TRACE	·04	—	24
25	—	08	—	·01	TRACE	—	·03	—	—	·32	·01	—	25
26	—	02	·08	·17	·55	—	·05	—	TRACE	·17	·23	·01	26
27	—	—	·21	·15	·44	25	·03	—	—	·03	·19	—	27
28	—	TRACE	·06	·16	·20	—	·24	·73	—	—	—	—	28
29	·01	—	·20	·13	·07	—	·02	·45	·19	·47	—	·12	29
30	—	×	·08	·12	·02	·36	·01	·09	·17	·02	·20	·18	30
31	·01	×	·01	×	—	×	·32	TRACE	×	·01	×	·05	31
TOTAL	1·60	·53	1·56	2·56	7·42	·72	4·46	3·02	1·51	3·38	1·83	·95	YEAR'S TOTAL 29·54
*Days with ·01 in. or more.	13	8	13	26	21	4	21	9	13	25	18	13	184
*Days with .04 in. or more.	9	3	11	20	16	3	14	6	9	17	13	10	131

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*See Instruction 2 (*f*) on other side.

(Signed) Alexander Shirt

P.T.O.

Section **A** for the entry of Daily Observations. Station No. 3142

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at The Gardens, Wentworth-Woodhouse

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 10 in.

,, Ground ,, Sea Level 360 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	·20	—	—	—	—	—	—	—	—	·03	—	1
2	·18	·01	·45	—	—	—	—	—	—	TRACE	·14	—	2
3	·03	·09	·02	—	—	—	—	—	—	—	·05	—	3
4	·10	·03	·01	—	—	—	—	—	—	—	—	—	4
5	·09	·01	·12	—	·53	—	—	—	—	—	TRACE	—	5
6	—	·08	·02	—	·46	—	—	—	—	—	·01	·09	6
7	—	·10	—	—	·17	—	·26	—	—	·70	—	·02	7
8	·02	·01	·04	—	·01	—	·96	—	—	TRACE	·04	·05	8
9	—	·33	—	—	—	—	·23	—	—	·38	—	—	9
10	TRACE	·03	—	—	—	·07	TRACE	—	—	1·82	·04	—	10
11	—	—	—	—	03	—	·09	—	—	·21	—	—	11
12	—	—	—	—	—	·10	·07	—	—	·04	—	·04	12
13	—	—	—	—	33	TRACE	·07	·02	·10	TRACE	·05	—	13
14	·20	—	—	—	01	—	·01	·03	—	·05	·28	—	14
15	·91	—	TRACE	—	06	·01	·23	·03	—	·27	·83	·21	15
16	·40	—	·36	·02	03	—	·48	·01	—	·02	·06	TRACE	16
17	·08	·12	·79	—	—	·22	—	TRACE	—	—	·15	—	17
18	·02	—	·14	—	—	·02	—	—	—	—	·10	—	18
19	—	—	·42	·03	—	TRACE	—	·01	·48	—	·03	—	19
20	—	—	—	—	—	·19	—	·05	—	—	·05	—	20
21	—	—	—	—	02	—	—	·11	·09	·01	—	—	21
22	—	—	—	—	—	·17	—	·13	—	·76	—	—	22
23	—	·03	—	·14	TRACE	·27	—	—	·43	·03	—	—	23
24	—	·72	—	—	·06	—	—	—	·99	·01	—	—	24
25	—	1·68	—	·21	·07	—	—	—	·09	TRACE	·03	·05	25
26	—	1·08	—	·08	—	—	—	—	·02	·14	—	—	26
27	—	—	—	—	·03	—	—	—	·06	·14	·01	—	27
28	—	—	—	·05	·28	—	—	—	—	·27	—	—	28
29	·01	—	—	30	—	—	—	—	·01	·07	—	—	29
30	·05	×	·02	·47	—	—	·10	—	—	·05	—	·04	30
31	·10	×	—	×	—	×	·01	TRACE	×	·08	×	—	31
TOTAL	2·38	4·52	2·39	1·30	2·09	1·05	2·51	·39	2·27	5·05	1·90	·50	YEAR'S TOTAL 26·35
*Days with ·01 in. or more.	14	15	11	8	14	8	11	8	9	18	16	7	139
*Days with .04 in. or more.	10	9	7	6	8	6	9	3	7	14	11	6	96

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*See Instruction 2 (*f*) on other side.

D

(*Signed*) Alexander Shird

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3142

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at The Gardens Wentworth-Woodhouse

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

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,, Ground ,, Sea Level 360 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	—	—	TRACE	—	—	—	·08	·17	·06	—	·15		1
2	—	—	·01	—	·01	—	—	·05	·14	—	·13	·15		2
3	—	—	—	—	—	—	—	—	·02	·09	—	·01		3
4	·02	—	·05	·36	—	—	—	—	·02	·02	—	·72		4
5	—	—	·14	·03	·17	—	—	·20	—	·04	·08	·09		5
6	—	—	·08	—	·20	·05	—	·24	—	·40	—	·63		6
7	·02	·04	·02	—	·07	·04	—	—	—	·12	·01	·18		7
8	—	—	·01	—	·08	·20	—	·06	—	·01	·44	·04		8
9	—	—	·22	·02	—	—	—	·01	—	·05	·88	·16		9
10	—	—	·21	·23	—	—	—	·02	—	TRACE	·12	—		10
11	·42	—	·14	·33	—	—	—	TRACE	—	TRACE	TRACE	·27		11
12	—	—	·15	·07	—	—	—	·04	—	—	TRACE	·07		12
13	·47	—	—	·02	TRACE	—	·93	·09	—	—	—	·03		13
14	·03	—	·32	—	·08	·31	—	—	—	·28	·15	·29		14
15	·22	—	·02	—	·17	—	—	TRACE	·20	·03	·12	·05		15
16	·15	—	·05	—	·30	—	—	—	TRACE	·02	·02	·02		16
17	·30	—	·04	—	·02	—	·09	—	·13	·04	·02	·09		17
18	·03	—	·22	·32	TRACE	·03	—	—	—	—	—	·04		18
19	—	—	·13	·02	·05	·08	—	TRACE	—	—	—	—		19
20	—	—	·01	—	·02	—	—	—	—	—	—	—		20
21	—	—	—	—	—	·24	—	—	—	·01	—	—		21
22	—	—	—	—	—	—	—	·05	·34	·01	—	·02		22
23	—	—	—	·11	TRACE	—	·44	—	—	·06	·07	·09		23
24	—	—	—	·05	—	·14	—	—	·02	·04	—	·02		24
25	—	—	—	·03	—	·01	TRACE	—	—	·15	—	·45		25
26	·12	—	—	·13	—	·02	—	—	·13	—	TRACE	·03		26
27	—	·40	—	·34	—	—	—	—	·04	·17	—	·19		27
28	—	—	—	·05	—	·20	·04	·12	TRACE	·08	—	·33		28
29	—	—	·06	—	—	—	—	·05	·43	—	TRACE	·06		29
30	07	×	—	—	—	—	·22	—	—	·20	—	·02		30
31	—	×	—	×	—	×	—	—	×	·04	×	·01		31
TOTAL	1·85	·44	1·88	2·11	1·17	1·32	1·72	1·01	1·64	1·92	2·04	4·21	Year's Total. 21·31	
* Days with .01 in. or more.	11	2	18	15	11	11	5	12	11	21	11	27	155	
* Days with .04 in. or more.	7	2	13	10	8	8	5	10	8	15	8	19	113.	

† Spare column, no entries required.

(*Signed*) Alexander Smith

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* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3142.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at The Gardens, Wentworth-Woodhouse
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Diameter of Funnel of Gauge 5 in.
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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18	—	·70	·02	—	—	—	—	·33	·04	·35	·31		1
2	—	·03	·07	—	—	·26	—	—	—	·56	·03	·02		2
3	—	·08	·12	·09	—	·05	—	—	—	·27	·21	·02		3
4	—	—	·03	·03	—	·10	—	—	·02	·72	—	·01		4
5	—	·21	·09	·08	—	·12	—	—	·03	TRACE	·08	—		5
6	—	—	TRACE	·02	—	·33	—	—	—	—	—	TRACE		6
7	TRACE	TRACE	·02	·02	—	·11	—	—	—	·18	·40	·12		7
8	·02	—	—	·13	—	·09	—	·28	—	·17	·04	·17		8
9	·04	—	·01	·09	—	·21	—	—	—	·50	·16	TRACE		9
10	—	—	·01	·08	—	·03	—	—	—	·12	·19	TRACE		10
11	·42	·02	—	—	—	·04	—	·01	—	TRACE	·11	·13		11
12	TRACE	·06	—	—	—	·05	—	—	·03	—	TRACE	TRACE		12
13	·05	·05	—	·08	·15	·02	—	—	TRACE	—	·01	—		13
14	—	·01	—	·05	·12	·04	TRACE	—	·22	—	·38	·24		14
15	—	·10	—	·37	·05	·02	·11	—	·14	—	·07	—		15
16	—	·61	·14	·01	—	·06	—	—	·42	—	·73	—		16
17	—	·01	—	·06	—	·48	·23	·19	·16	TRACE	·92	—		17
18	·03	TRACE	—	·16	—	·05	—	·65	·22	·10	·06	—		18
19	·04	·02	—	·12	—	·14	·09	—	—	·12	·29	—		19
20	TRACE	—	—	·39	—	—	—	—	—	—	·40	—		20
21	—	·84	—	—	—	—	—	—	·66	—	·22	—		21
22	—	·04	·01	—	—	—	—	—	—	—	·05	—		22
23	·05	—	·24	·01	—	—	—	1·04	·02	·29	—	—		23
24	·10	·65	·04	—	—	—	—	—	1·13	—	—	·50		24
25	·10	·05	—	—	—	·04	—	—	—	—	·01	·15		25
26	·10	·06	—	—	—	—	·02	·49	·34	·04	·04	·35		26
27	·07	·15	—	—	·04		TRACE	—	·35	·01	·03	·60		27
28	·03	·01	—	—	—	—	—	·44	—	·05	·03	·11		28
29	—	×	·02	—	—	—	—	—	·07	·09	·02	·18		29
30	·05	×	·04	·03	—	TRACE	—	·11	·10	·07	·46	·04		30
31	—	×	—	×	—	×	—	TRACE	×	·29	×	·18		31
TOTAL	1·28	3·00	1·54	2·04	·36	2·24	·45	3·21	4·24	3·62	5·29	3·13	Year's Total. 30·40	
* Days with .01 in. or more.	14	18	14	19	4	19	4	8	16	17	25	16	174	
* Days with .04 in. or more.	11	12	8	12	4	16	3	7	13	16	19	13	133	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alexander Third

[P.T.O.

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Station No. 3142

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Wentworth-Woodhouse Gardens

in the County of Yorkshire

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·16	·13	·65	—	·01	·20	·21	—	—	·04	·31		1
2	—	—	·03	·02	—	·86	·05	·01	·19	—	·22	·15		2
3	—	·09	·02	—	—	·17	TRACE	·02	·04	—	—	·03		3
4	·01	·08	·02	TRACE	—	TRACE	—	—	TRACE	—	—	·18		4
5	·15	·01	·01	—	·03	—	—	·33	—	—	—	·26		5
6	·02	—	·26	—	TRACE	·03	·17	·08	·46	—	·13	—		6
7	·17	—	·01	—	TRACE	—	—	—	·16	—	·04	·04		7
8	·16	—	·12	—	·01	—	—	—	·05	·02	·21	—		8
9	·25	—	·02	—	·02	—	·95	·01	—	·07	·47	—		9
10	·05	—	—	·05	—	—	·54	TRACE	TRACE	—	·25	—		10
11	—	—	TRACE	·07	—	·02	·04	—	·05	—	·30	—		11
12	—	—	—	·21	·01	1·07	·52	—	·51	—	·21	—		12
13	—	—	—	·01	—	·13	·04	—	·04	TRACE	·01	·38		13
14	—	—	—	·12	—	·07	·01	—	·18	·04	·07	·13		14
15	·71	·08	·03	·25	·32	—	TRACE	·03	·03	—	·23	·05		15
16	—	·08	—	·01	—	—	·04	—	TRACE	—	·43	TRACE		16
17	—	·48	—	—	·02	—	·04	—	—	TRACE	·01	·11		17
18	—	·03	—	—	—	—	·08	—	—	·45	—	·01		18
19	·72	·08	—	TRACE	—	·35	·04	·35	—	·17	—	—		19
20	·09	·19	—	·01	—	—	·01	—	·02	·03	—	—		20
21	·03	—	—	·06	—	·07	—	—	—	—	—	·01		21
22	·01	·34	·20	—	—	1·46	·22	—	—	—	—	—		22
23	—	—	·11	·05	·13	—	·31	—	—	·01	—	—		23
24	·16	·06	—	—	·34	—	—	—	·20	·36	—	—		24
25	·18	—	·12	—	—	—	·04	—	·36	·26	—	—		25
26	·10	·10	·50	—	—	—	—	—	·08	·25	—	—		26
27	·11	TRACE	·05	—	—	—	—	—	·12	·22	—	—		27
28	·28	·58	·08	—	—	TRACE	·25	—	·01	—	—	·06		28
29	·15	·73	·15	—	—	·34	TRACE	—	—	·05	·20	·11		29
30	·05	✗	·03	—	·34	·04	·16	—	—	·80	·08	·01		30
31	·06	✗	—	✗	—	✗	—	—	✗	—	✗	·10		31
													Year's Total	
TOTAL	3·46	3·29	1·89	1·51	1·22	4·62	3·71	1·04	2·50	2·76	3·12	2·13	31·25	✓
* Days with .01 in. or more.	20	15	18	12	9	13	19	8	16	13	16	16	175	✓
* Days with .04 in. or more.	16	13	10	8	4	10	17	4	13	10	14	13	132	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Alexander S. Reid

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3142

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Wentworth-Woodhouse Gardens

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 10 in.

,, Ground ,, Sea Level 360 ft.

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Jan. 1, following ✓

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	·09	·05	—	—	—	—	—	·04	—	·03	·25		1
2	·03	·10	—	·26	—	·01	—	—	—	—	—	1·70		2
3	·02	·01	—	·20	—	—	—	—	—	—	—	·02		3
4	·13	—	·07	·05	TRACE	—	—	—	—	—	—	·35		4
5	·36	—	·04	·01	—	—	—	—	—	—	·01	·05		5
6	—	—	·08	·14	·20	—	·25	—	—	—	·05	·20		6
7	—	·40	·04	·15	·11	—	—	—	—	—	·07	·02		7
8	—	·43	—	·07	·01	—	·07	—	—	—	·10	·22		8
9	—	·16	·07	·05	·27	—	·40	—	—	—	·02	·05		9
10	—	·05	·30	·06	—	·10	—	TRACE	—	—	·01	·32		10
11	—	—	1·00	—	·91	—	—	—	—	—	—	—		11
12	·10	·30	—	—	·30	·10	—	—	·32	—	—	·22		12
13	—	·07	·10	·01	·06	·88	—	—	·06	—	—	·10		13
14	—	—	·22	—	—	—	—	·10	·02	—	—	·17		14
15	·18	·02	·05	·31	—	—	1·92	·06	·03	—	—	·05		15
16	·02	·10	·20	·69	—	·01	—	TRACE	·41	—	—	—		16
17	·30	·04	·20	·15	—	—	—	TRACE	·83	—	—	—		17
18	1·32	·03	·07	·01	—	·05	—	—	TRACE	—	·84	—		18
19	—	·01	·06	—	—	·17	·13	—	—	—	·30	—		19
20	·14	·20	TRACE	·35	·86	—	—	—	TRACE	—	—	—		20
21	·04	·05	—	—	—	—	·06	—	·02	·04	—	—		21
22	·41	—	·04	—	·02	—	·04	—	—	·15	·25	·03		22
23	·28	—	—	—	·05	—	·11	—	—	1·58	·47	—		23
24	·18	·27	TRACE	—	·03	—	—	—	·08	·30	·01	—		24
25	·28	·38	·17	—	—	—	—	—	·01	·31	—	—		25
26	TRACE	·20	·11	—	·46	—	—	—	—	—	—	·02		26
27	·01	·17	·03	·19	—	—	—	—	—	·71	—	·03		27
28	·01	·06	·02	—	—	·01	—	—	—	·02	—	—		28
29	·08	—	—	—	—	·04	—	—	—	TRACE	—	—		29
30	·32	✕	TRACE	—	—	—	—	·05	—	·04	·03	·07		30
31	·40	✕	—	✕	—	✕	—	—	✕	·22	✕	·03		31
TOTAL	4·67	3·14	2·92	2·70	3·28	1·37	2·98	·21	1·82	3·37	2·19	3·90	Year's Total 32·55	✓
* Days with .01 in. or more.	21	21	20	16	12	9	8	3	10	9	13	19	161	✓
* Days with .04 in. or more.	16	17	18	13	9	6	8	3	6	8	7	13	124	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alexander Shied

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3142

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at The Gardens Wentworth Woodhouse

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 10 in.

,, Ground ,, Sea Level 360 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	·02	—	—	·10	·55	·28	TRACE	—	·10	·09	·15		1
2	·02	—	—	·08	—	·05	·04	—	—	10	·01	·12		2
3	·06	—	—	—	—	·03	·08	—	·13	1·35	—	·01		3
4	·10	—	—	—	—	·05	·03	—	—	·13	·03	·14		4
5	TRACE	—	—	—	—	—	—	—	·04	·48	—	—		5
6	·15	·01	—	—	—	—	·44	·28	·12	·08	—	·01		6
7	·04	TRACE	—	—	—	—	·18	·13	·20	·06	—	·07		7
8	·44	·01	—	—	—	—	·04	·05	—	·42	—	—		8
9	—	·04	—	—	—	—	·01	—	—	—	—	·38		9
10	—	·01	—	—	—	—	·20	·65	—	·01	—	·07		10
11	·32	·01	—	—	—	—	·05	—	—	02	·05	·03		11
12	—	·02	—	—	·04	—	—	TRACE	—	33	·07	—		12
13	·07	·01	—	—	—	—	—	·10	—	12	·06	·30		13
14	·27	·04	—	—	·01	—	·31	·60	·21	—	—	—		14
15	·50	·01	—	—	—	—	·25	—	—	—	—	·31		15
16	·17	—	—	—	·03	—	·36	—	—	03	·07	·27		16
17	—	—	—	—	·27	—	·13	·03	·01	05	—	·02		17
18	·06	·01	—	—	·25	—	—	·07	·50	10	—	—		18
19	—	—	—	—	—	—	—	·08	·04	—	—	·13		19
20	—	—	—	—	—	—	—	—	TRACE	—	·32	·11		20
21	TRACE	—	·01	—	—	—	—	—	TRACE	—	—	·14		21
22	—	TRACE	—	—	—	·42	—	—	—	—	·60	·13		22
23	—	—	—	—	—	—	—	—	·49	—	·11	—		23
24	TRACE	—	·11	—	—	—	—	·20	·12	·12	·12	TRACE		24
25	·10	·11	—	—	—	—	—	—	—	·13	·68	·11		25
26	—	·66	·05	—	—	·16	TRACE	—	·11	·11	—	—		26
27	·07	·02	—	—	·21	·19	·20	·06	·02	TRACE	·21	—		27
28	·20	—	—	—	·56	·11	·05	·96	·07	·02	—	·04		28
29	·05	—	—	—	·69	·07	TRACE	—	—	·01	·10	—		29
30	·04	✕	—	·04	·09	·01	—	—	·29	—	·20	·05		30
31	·27	✕	—	✕	·41	✕	—	·01	✕	·23	✕	·54		31
													Year's Total	
TOTAL	2·97	98	17	12	2·66	1·64	2·65	3·22	2·51	4·00	2·72	3·43	27·07	
* Days with .01 in. or more.	19	14	3	2	11	10	16	13	14	21	15	21	159	
* Days with .04 in. or more.	18	4	2	2	9	8	14	11	12	16	18	17	126	

† Spare column, no entries required.

(*Signed*) Alexander [illegible] [P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·01	—	·01	·09	—	—	·03	·10	TRACE	·03	TRACE	·01		1
2	·05	—	—	·01	—	—	—	·15	1·04	·01	·11	·03		2
3	·29	—	—	·27	—	—	—	·35	—	—	·21	·27		3
4	·08	—	·20	·40	—	—	·06	·11	—	·05	·04	1·25		4
5	—	—	·01	—	·02	—	·04	·08	—	·11	·27	·13		5
6	·52	—	—	—	—	—	·24	—	—	—	·15	—		6
7	·01	·06	·04	—	—	—	·02	—	—	·01	·43	·29		7
8	·07	TRACE	·17	—	—	—	·02	TRACE	—	·02	·06	·18		8
9	—	·07	—	—	—	—	—	·17	—	·64	·01	·15		9
10	·96	—	TRACE	—	—	TRACE	—	TRACE	—	·08	—	·01		10
11	·03	TRACE	·15	—	·04	·50	—	·01	·17	TRACE	—	TRACE		11
12	·02	·10	—	—	—	·02	—	—	—	—	—	TRACE		12
13	—	—	—	·01	—	·15	—	—	·04	·10	—	—		13
14	·59	—	—	—	·30	·11	·20	—	TRACE	·23	·07	—		14
15	·05	—	·06	TRACE	·18	·22	1·63	—	·02	·03	TRACE	TRACE		15
16	—	TRACE	·25	—	·16	—	·10	—	—	—	·08	—		16
17	1·03	·02	TRACE	·20	·04	—	·02	—	—	·49	—	—		17
18	·15	—	—	—	—	·23	·10	—	·03	·02	1·30	—		18
19	·20	—	—	—	—	·23	·20	·02	·05	—	—	—		19
20	·04	—	·07	—	—	·20	·11	·35	·20	—	—	—		20
21	·09	·13	·10	·02	·10	·01	·08	·27	·47	—	—	—		21
22	·12	·29	·07	—	—	—	·05	TRACE	·02	—	·17	—		22
23	·08	·02	—	·07	—	·10	TRACE	TRACE	TRACE	·10	·27	—		23
24	·04	·01	·01	—	—	TRACE	—	TRACE	—	—	—	—		24
25	·43	—	—	—	·02	—	—	·30	—	—	·53	—		25
26	·04	·02	—	—	—	—	—	—	—	·06	·33	·12		26
27	·02	·05	·15	·09	—	·04	TRACE	—	—	·26	·15	—		27
28	·04	·10	·28	·01	—	·05	·06	—	—	TRACE	·17	—		28
29	—	—	TRACE	·06	—	—	1·16	—	—	·22	·03	—		29
30	—	✗	—	—	—	—	·03	—	—	—	·12	—		30
31	—	✗	—	✗	—	✗	·04	·03	✗	·04	✗	—		31
TOTAL	5·26	·87	1·57	1·23	·86	1·86	4·19	1·94	2·04	2·50	4·50	2·44	Year's Total 29·26	✓
* Days with .01 in. or more.	24	11	14	11	8	12	19	12	9	18	19	10	167	✓
* Days with .04 in. or more.	19	7	11	7	6	10	14	9	6	12	17	7	125	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Alexander Third

P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	·15	—	TRACE	—	—	—	—	—	—	·27	—		1
2	—	·04	—	·26	—	—	TRACE	—	—	—	·35	·02		2
3	·05	·16	—	·06	—	—	TRACE	—	—	·24	·04	—		3
4	—	·09	—	·06	—	—	—	—	—	·11	·40	·08		4
5	—	—	—	—	·10	—	·13	—	—	—	·26	·48		5
6	·05	·18	—	—	·01	—	—	—	—	·93	·02	·05		6
7	·02	·22	—	·18	·12	—	—	—	—	—	—	TRACE		7
8	—	—	—	·02	—	—	—	—	·07	·26	—	·09		8
9	—	—	·24	·01	—	—	·20	·03	·06	·08	·86	·07		9
10	—	—	—	—	—	—	1·02	—	—	TRACE	·13	·22		10
11	—	·08	TRACE	—	—	—	·30	—	—	—	·89	—		11
12	—	·03	·09	—	—	—	·02	—	·07	—	·22	—		12
13	—	·07	·20	—	—	—	—	—	·07	—	TRACE	—		13
14	—	—	·09	·11	·21	—	·32	—	—	—	—	·28		14
15	—	—	·02	—	·01	—	—	—	TRACE	·01	·17	TRACE		15
16	·17	·25	·12	—	—	—	·41	—	·13	·88	·66	—		16
17	—	—	·44	—	—	—	·58	—	·11	—	·55	·05		17
18	·08	·23	·09	·02	—	—	·10	—	·12	·09	·45	·06		18
19	—	·19	·04	1·10	—	—	·16	—	·24	·02	·15	TRACE		19
20	—	—	TRACE	·28	—	—	·02	·14	—	·09	·08	—		20
21	·03	—	·05	—	—	·54	·01	—	—	·06	1·21	—		21
22	—	—	·02	—	·07	·02	—	—	·16	·03	—	—		22
23	—	·08	·05	·01	·05	·06	·01	—	—	·12	·07	·12		23
24	·28	—	—	·01	—	—	·01	—	—	·03	—	·05		24
25	—	—	—	—	—	—	TRACE	—	—	·06	—	—		25
26	·86	·02	—	—	·03	—	·10	—	—	·03	·02	—		26
27	1·26	·06	—	—	·05	—	·02	·09	—	·01	·03	—		27
28	·11	·58	—	—	·03	—	—	—	—	—	—	—		28
29	—	—	·12	—	—	·03	—	—	—	TRACE	—	·24		29
30	·28	×	—	·22	—	—	—	—	—	—	—	·19		30
31	·24	×	·20	×	—	×	—	—	×	1·16	×	·41		31
TOTAL	3·43	2·43	1·77	2·34	·68	·65	3·41	·26	1·03	4·21	6·83	2·41	Year's Total 29·45	
* Days with .01 in. or more.	12	16	14	13	10	4	16	3	9	18	20	15	150	
* Days with .04 in. or more.	10	14	12	8	6	2	10	2	9	12	17	14	116	

† Spare column, no entries required.

(*Signed*) Alexander S. Laird [P.T.O.

* See Instruction 3 (f) on other side.

3143

Section **A** for the entry of

AIR MINISTR

FORM 1090.

REGIS

PY FOR OFFICIAL USE.

ORGANIZATION.

3143

MEXBOROUGH
1931 — 40

7(0507)

Kept at Mexborou

in the County of Yor

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t
year in the space on the right of t

llowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1		·05	·02			·35			·01	·03		·02	1
2		·01		·67	·01	·46			·43 ~~·73~~			·01	2
3				·07		·01	·03		·74	·04	·03	·14	3
4	·03	·12		·06			·40	·11	1·20		·08		4
5					·19	·96	·01	·88	·04			·17	5
6		·15			·03	·10	·07		·01	·17	·03		6
7			·01			·51	·04	·69		·03	·23		7
8	·05		·02	·04	·01		·08	·95			·11		8
9		·19		·26		·16	·06	·25	·07		·24	·01	9
10			·03		·05	·01		·08			·06		10
11	·01	·07				·02	·03		·20		·03		11
12	·08	·28					·98		·05	·09	·06		12
13						·02	·04	·05	·01				13
14	·01	·04				1·15	·35	·72			·60	·01	14
15	·01	·02		·06	·02		·10	·01	·02		·03	·03	15
16	·07	·12		·06	·09	·82	·01	·13	·24				16
17	·01	·15		·42	·02	·05	·01	·11	·01	·01 [illegible]			17
18	·03	·02		·22		·20	·41	·05		·02	·49		18
19				·10		·02	·12	·08	·14	·04			19
20	·04	·11		·05				·18				·04	20
21	·01				·19			·04			·14		21
22	·15			·01	·16								22
23				·04	·27	·20	·11				·13	·03	23
24	·01			·17	·58		·06			·01	·01		24
25	·04			·50			·15						25
26	·08	·04		·10	·17		·05				·18		26
27	·09	·28		·07						·12	·14	·02	27
28	·21	·13		·10	·16							·08	28
29	·44				·05		·10			·20	·02	·04	29
30	·01	✕		·03	·16								30
31	·14	✕		✕		✕			✕	·06	✕		31
TOTAL	1·52	1·78	·08	3·03	2·16	5·04	3·21	4·33	3·17	·82	2·61	·60	YEAR'S TOTAL 28·35
*Days with ·01 in. or more.	20	16	4	19	16	16	21	15	14	12	18	12	183
*Days with ·04 in. or more.	11	13	–	17	11	11	17	14	9	7	12	5	127

40-9999

(Signed) S. Fenwick Carter [P.T.O.

*See Instruction 2 (*f*) on other side.

3142

Section **A** for the entry of Daily Observations. OPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at Mexborough

in the County of York

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 77·10 ft.

~~Kindly send reprint of general table when printed~~

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·05	·02			·35			·01	·03		·02	1
2		·01		·67	·01	·46			·43 ·73			·01	2
3				·07		·01	·03		·74	·04	·03	·14	3
4	·03	·12		·06			·40	·11	1·20		·08		4
5					·19	·96	·01	·88	·04			·17	5
6		·15			·03	·10	·07		·01	·17	·03		6
7			·01			·51	·04	·69		·03	·23		7
8	·05		·02	·04	·01		·08	·95			·11		8
9		·19		·26		·16	·06	·25	·07		·24	·01	9
10			·03		·05	·01		·08			·06		10
11	·01	·07				·02	·03		·20		·03		11
12	·08	·28					·98		·05	·09	·06		12
13						·02	·04	·05	·01				13
14	·01	·04				1·15	·35	·72			·60	·01	14
15	·01	·02		·06	·02		·10	·01	·02		·03	·03	15
16	·07	·12		·06	·09	·82	·01	·13	·24				16
17	·01	·15		·42	·02	·05	·01	·11	·01	·01			17
18	·03	·02		·22		·20	·41	·05		·02	·49		18
19				·10		·02	·12	·08	·14	·04			19
20	·04	·11		·05				·18				·04	20
21	·01				·19			·04			·14		21
22	·15			·01	·16								22
23				·04	·27	·20	·11				·13	·03	23
24	·01			·17	·58		·06			·01	·01		24
25	·04			·50			·15						25
26	·08	·04		·10	·17		·05				·18		26
27	·09	·28		·07						·12	·14	·02	27
28	·21	·13		·10	·16							·08	28
29	·44				·05		·10			·20	·02	·04	29
30	·01	×		·03	·16								30
31	·14	×		×		×			×	·06	×		31
TOTAL	1·52	1·78	·08	3·03	2·16	5·04	3·21	4·33	3·17	·82	2·61	·60	YEAR'S TOTAL 28·35
*Days with ·01 in. or more.	20	16	4	19	16	16	21	15	14	12	18	12	183
*Days with ·04 in. or more.	11	13	–	17	11	11	17	14	9	7	12	5	124

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(Signed) S. Fenwick Carter [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

File No. 777341/27

Kept at MEXBOROUGH

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 77·10 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·03		·03	·54		·08	·09	·14	·10		·02	1
2	·04			·27	·33			·01	·07	·02		·08	2
3				·27	·05		·17			·04		·02	3
4				·15		·01					·07		4
5	·04				·06				·04				5
6	·45			·04			·01		·04				6
7			·07	·09			·04		·19	·10	·03		7
8			05	·01					·08	·09			8
9		·20	·06	·05								·01	9
10	·07	·03		·01			·05		·02	·23		·09	10
11		·03	·03	·12	·09	·33	·27				·03		11
12	·04				·04		·05	·03		·18	·05		12
13	·06	·05	·01	·03	·03		·24			·20	·02	·01	13
14	·05			·08			·04			·02	·10		14
15				·01	·04					·03	·03	·03	15
16	·14			·11	·07		·04				·01		16
17				·01			·01			·09			17
18													18
19				·03				·01	·01	·08			19
20				·05	·36		·02	·40		·20	·04		20
21			·20	·18	2·90		·01	·42		·45		·05	21
22			·28	·01	·55		·05		·20		·21	·01	22
23		·01		·06	·08		·03			·08	·05		23
24	·03			·01	·04		·58		·01	·04	·07		24
25		·05		·06			·03		·01	·36			25
26				·11	·47		·05		·03	·24	·12	·01	26
27		·02	·22	·09	·47	·01					·14		27
28			·03	·05	·17		·29	·90					28
29			·10	·08		·03	·02	·03	·14	·26	·02	·08	29
30		✕	·13	·11		·19		·06	·11	·02	·09	·21	30
31	·01	✕	·06	✕	·03	✕	·25		✕		✕	·04	31
													YEAR'S TOTAL
TOTAL	·95	·42	1·24	1·85	6·32	·57	2·33	1·95	1·09	2·83	1·08	·66	21·29
*Days with ·01 in. or more.	11	8	12	26	18	5	21	9	14	20	16	13	173
*Days with .04 in. or more.	8	3	9	17	16	2	14	5	9	16	10	6	115

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*See Instruction 2 (*f*) on other side,

(*Signed*) S. Fenwick Carter

P.T.O.

3143

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~3143~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at MEXBOROUGH

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 77·10 ft.

File No.
777341/27

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·14	·08	·13								·15			1
2	·15		·25								·10			2
3	·05	·06	·12		·26						·11			3
4	·08		·02		·01									4
5	·07	·02	·07		·24									5
6		·08	·03		·64							·06		6
7		·11			·22		·18			·52		·03		7
8			·44		·01		·30				·06	·03		8
9		·09					·29			·49	·01			9
10		·05				·08				2·11	·03			10
11					·04		·16			·08				11
12	·04					·07	·05					·01		12
13					·33		·11	·02	·08	·03	·09			13
14	·01									·02	·27			14
15	·94		·01					·02		·09	·90	·05		15
16	·25		·34	·01	·06	·03	·11	·02		·05	·07			16
17	·15		·77	·01	·01	·07					·10			17
18	·02	·10	·10			·14	·03				·06			18
19			·35			·90			·01		·02	·02		19
20				·03		·05		·05			·03			20
21					·01	·33		·06	·04	·02	·01	·02		21
22					·13	·20		·14		·57				22
23	·01	·02		·09		·01			·34					23
24		·38		·14	·11	·23			·93		·03	·01		24
25		·78		·22	·23				·16		·02	·05		25
26		·82		·02	·06					·09		·01		26
27		·04			·10				·03	·16				27
28		·02		·02			·06			·16				28
29		X		·19			·01			·23				29
30	·10	X	·01	·16								·02		30
31	·05	X		X		X		·02	X	·04	X			31
TOTAL	2·06	2·65	2·64	·89	2·46	2·11	1·30	·33	1·59	4·66	2·06	·39	Year's Total 23·06	23·06
*Days with ·01 in. or more.	14	14	19	10	16	11	10	7	7	15	17	11	145	
*Days with ·04 in. or more.	11	11	13	5	12	9	8	3	5	12	10	3	108	

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) S. Fenwick Carter
C.E

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at MEXBOROUGH

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 77·10 ft.

777341/27

Day

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1								.04		.08		·10		1
2		.01						.11	.12		.05	·18		2
3	.03									.05	.02	·		3
4	.03		.05	.38					.06	.13		·61		4
5			.09		.13			·17		·01	·10	·03		5
6			.05		.14	.05		.05		.08		·57		6
7	.05	.01				.03				.10	.04	·13		7
8					.06	.42		.06		.01	.44	·01		8
9			.22	.04						.03	.83	·08		9
10			.40	.20				.01			.09	·		10
11	.39		.25	.30								·20		11
12			.26	.09			.08	.03				·06		12
13	.32		.05	.02			.26	.07			.01	·03		13
14	.02		.20	T	.01	.23				.14	.10	·14		14
15	.10		.09		.14			.02	.26	.03	.14	·01		15
16	.06		.04		.29						.05	·08		16
17	.10	.01	.02				.11		.08	.02	.02	·05		17
18	.09		.08	.21	T	.02	.03					·01		18
19			.08	.01	.02	.12			.05	.05				19
20			.04		.01	.17			.01					20
21	.01					.20			.07	.01				21
22								.08	.22	.03		·02		22
23			.10	.03			.38			.03	.09	·06		23
24		.06	.09	.21		.08	.03		.02	.04		·01		24
25	.01			.02					.06	.07		·33		25
26	.08	.01		.09					.04			·		26
27		.54		.45		.17	.02		.04	.13		·15		27
28				.11		.18		.13		.01		·15		28
29			.04				.01	.08	.40			·05		29
30	.04	×					.18		.01	.20		·01		30
31	.02	×		×		×		.09	×	.01	×			31
TOTAL	1.35	·64	2.15	2.16	·80	1·67	1·10	·94	1·44	1·26	1·98	3·07	Year's Total 18·56	
*Days with ·01 in. or more.	~~6~~ 15	~~4~~ 6	18	~~4~~ 14	~~3~~ 8	~~3~~ 11	~~4~~ 9	~~3~~ 13	~~3~~ 14	21	~~3~~ 13	~~8~~ 24	~~52~~	166
*Days with .04 in. or more.	9	2	17	10	5	8	5	10	11	11	10	16	114	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) G. Fenwick Carter [P.T.O.

3143

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193 .

Kept at MEXBOROUGH

in the County of YORK

File number 777341/27

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 77.10 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·27		·56	·01		·01			·89	·03	·15	·19		1
2		·04	·01			·34				·35		·03		2
3		·04	·18	·06		·03				·11	·15			3
4		·01				·13				·79	·01			4
5	·02	·23	·06			·73			·02	·02	·08	·01		5
6	·06			·02		·14								6
7	·02			·05		·23				·17	·44	·11		7
8	·02		·01	·08		·07		·31			·01	·09		8
9				·04		·09				·52	·12	·02		9
10				·05		·03	·03			·11	·07			10
11	·20										·08	·07		11
12		·01				·05			·01					12
13	·05	·02		·10	·14									13
14		·02		·16	·16	·03			·23		·66	·06		14
15	·01			·30	·02		·12		·05		·19	·10		15
16		·32	·13	·02		·05	·03		·25		·62			16
17				·07		·35	·02	·02	·07	·02	·78			17
18	·02			·16	·05	·10	·38	·15	·08	·08	·09			18
19	·01			·05		·17	·06			·02	·21			19
20		·02		·31		·04	·02				·32			20
21		·63		·15					·37		·09			21
22		·13							·01		·04			22
23			·06	·05				·39	·04	·07	·01			23
24	·03	·67	·05						·97		·01	·20		24
25	·09	·17				·03						·02		25
26	·15						·02	·67	·40	·01	·02	·23		26
27	·03	·12			·02				·19		·04	·61		27
28	·03	·01						·01	·05	·05		·23		28
29	·02		·04						·07	·03	·02	·10 ·02		29
30	·03	✕		·01				·10	·01	·11	·25	·02		30
31		✕		✕		✕		·01	✕	·30	✕	·15		31
TOTAL	1·06	2·44	1·10	1·69	·39	2·62	·68	1·65	3·71	2·79	4·46	2·24	Year's Total. 24·83	
* Days with .01 in. or more.	17	15	9	18	5	18	8	8	17	17	24	17	173	
* Days with .04 in. or more.	6	9	7	14	3	13	3	5	13	11	18	12	114	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) G. Fenwick Carter [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Dec. requested on query from 777341 | 27 21/5/37

9 rec

Kept at Mexborough.

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 77.10 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·11	·09	·50	—	—	·02	·16	·02	—	·01	·09		1
2	·01	·04	·11	—	—	·63	·05	·06	—	—	·18	·13		2
3	·02	·05	—	—	—	·12	—	·04	·15	—	—	·05		3
4	·01	·04	·04	—	—	·03	—	—	·05	—	·21	·10		4
5	·07	·02	·24	—	—	—	·01	·13	·04	—	—	·12		5
6	—	—	—	—	—	·07	·11	·20	·34	—	·09	—		6
7	·20	—	·01	—	—	—	·36	—	·03	·01	—	—		7
8	·06	—	·06	—	—	—	·03	—	—	·01	·13	·02		8
9	·13	·01	·01	—	·01	·03	·91	—	—	·04	·19	—		9
10	—	—	—	·01	—	—	·91	·20	·03	·04	·10	·02		10
11	—	—	—	·13	—	·03	·04	·13	—	—	·49	—		11
12	—	—	—	·13	·07	·67	·38	—	·33	—	·09	·10		12
13	—	—	—	·05	—	·20	·01	—	·05	·06	·01	·16		13
14	—	—	—	·11	—	·05	—	—	·23	—	·04	·03		14
15	·27	·05	—	·12	—	·01	·03	·18	·01	—	·15	·02		15
16	·13	·04	—	·07	·05	—	·02	—	—	—	·36	—		16
17	—	·46	·01	—	·04	—	·14	—	—	·04	·02	·04		17
18	—	·04	—	—	—	—	·06	·03	—	·27	·02	—		18
19	·44	·05	·01	·02	—	·28	·02	·39	—	·04	—	—		19
20	·03	·18	·01	·05	—	·58	·03	·02	·02	·02	—	—		20
21	—	—	·02	·03	—	·04	—	—	—	—	—	—		21
22	·03	·46	·09	—	·03	·94	·14	—	—	—	·02	·01		22
23	—	·01	·03	·03	·09	—	·33	—	—	—	—	—		23
24	·14	·08	—	·01	·31	—	—	—	·20	·24	—	—		24
25	·13	—	·04	·01	—	—	·05	—	·16	·06	·01	—		25
26	—	·08	·45	—	—	—	—	—	·10	·14	·02	—		26
27	·15	—	·04	—	—	—	—	—	·22	·18	—	—		27
28	·19	·62	·04	—	—	·02	·11	—	·01	—	·04	·07		28
29	·30	·37	·04	—	·07	·23	·02	—	—	·03	·36	·15		29
30	·05	✕	—	—	·37	·02	·22	—	—	·94	·06	—		30
31	·07	✕	·03	✕	—	✕	·01	—	✕	·01	✕	·11		31
TOTAL	2·43	2·71	1·42	1·27	1·04	3·95	4·01	1·54	1·99	2·13	2·60	1·22	Year's Total 26·31	
* Days with .01 in. or more.	~~5~~ 19	~~3~~ 18	~~8~~ 19	~~6~~ 14	~~2~~ 9	~~6~~ 17	~~10~~ 24	~~2~~ 11	~~6~~ 17	5 16	~~7~~ 21	16	201	
* Days with .04 in. or more.	14	15	11	8	7	11	14	9	11	11	14	11	136	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Metborough

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 77.10 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.02	.08	.05	—	—	—	.02	—	.03	—	.02	.06		1
2	—	.06	.02	.25	—	—	—	—	—	—	—	2.11		2
3	—	.02	—	.19	—	.02	.03	—	—	—	—	.03		3
4	.06	.01	.03	.12	—	—	—	—	—	—	—	.26		4
5	.10	—	.07	—	—	—	—	—	—	—	—	.08		5
6	—	—	.08	.03	.19	—	.09	—	—	—	.02	.18		6
7	—	.37	—	.14	.12	—	—	—	—	—	.03	.02		7
8	—	.41	—	.03	—	—	—	—	—	—	.14	.11		8
9	—	.08	—	.03	.25	—	.56	.04	—	—	—	.05		9
10	.01	.02	—	.13	.02	.03	.01	—	—	.01	.01	.16		10
11	—	—	.80	.03	.92	.01	—	—	—	—	—	.03		11
12	.04	.27	.01	.01	.26	.44	—	.07	.12	—	—	.10		12
13	—	.01	—	.01	.07	1.20	—	—	.04	—	—	.13		13
14	—	—	.47	.01	.01	.01	—	.02	—	—	—	.15		14
15	.10	.17	.01	.37	—	—	1.56	—	.01	—	—	.02		15
16	.07	.03	.19	.64	—	—	—	.06	.26	—	—	.01		16
17	.14	.04	.21	.35	—	—	—	—	.71	—	—	—		17
18	1.13	.02	.07	—	—	.03	.05	.02	—	.01	.42	—		18
19	.01	.02	—	.03	—	.11	.12	—	—	—	.41	—		19
20	.11	.05	—	.21	.66	—	—	—	.01	—	.01	—		20
21	.01	.01	.03	—	—	—	.19	—	—	.04	—	.01		21
22	.01	—	—	—	.02	—	—	—	—	.18	.12	—		22
23	.34	—	—	—	.02	—	.06	—	—	1.41	.36	—		23
24	.09	.17	—	—	.02	.04	.01	—	.03	.19	—	—		24
25	.06	.27	.09	—	—	—	—	—	—	.29	.01	.02		25
26	—	.11	.05	—	.40	—	—	—	—	—	—	.03		26
27	—	.21	.03	.12	—	—	—	—	—	.66	—	.02		27
28	—	.25	.03	—	—	.03	—	—	—	.01	—	—		28
29	.03		.01	—	—	—	—	—	—	.01	.01	.02		29
30	.40		—	—	—	.03	—	.01	—	.01	.04	.04		30
31	.34		—		—		—	—		.30		.04	Year's Total	31
TOTAL	3.07	2.68	2.25	2.70	2.96	1.95	2.70	0.22	1.21	3.12	1.60	3.68	28.14	✓
* Days with .01 in. or more.	19	22	18	18	13	11	11	6	8	12	13	23	174	✓
* Days with .04 in. or more.	13	14	10	10	8	4	7	3	4	7	6	13	99	✓

† Spare column, no entries required

* See Instruction 3 (f) on other side.

(*Signed*) J Chambers [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Mexborough

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level 77·10 ft.

Dups

w J.F.

File number 777341/27

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	·02	–	–	·01	·42	·11	·01	–	–	·05	·12		1
2	·05	–	–	·02	·06	–	–	–	·01	·08	·01	·14		2
3	·03	–	–	–	–	·02	·08	–	·22	·76	–	–		3
4	·02	–	–	–	–	·05	·05	–	·03	·08	·01	·14		4
5	–	–	–	–	–	·06	·02	·46	·01	·42	–	·01		5
6	·03	·05	–	–	–	–	·28	–	·02	·05	–	–		6
7	·09	–	–	–	–	–	·16	·11	·21	·02	–	·03		7
8	·30	–	–	–	–	–	·10	·01	–	·18	–	·06		8
9	·05	·05	–	–	–	·13	–	·67	–	–	–	·29		9
10	–	–	–	–	–	·04	·20	–	·01	–	–	·01		10
11	·20	–	–	–	–	–	·03	–	–	·02	·02	·04		11
12	·07	·04	–	–	·04	–	–	·29	–	·21	·02	–		12
13	–	·04	–	–	–	–	–	·05	–	·03	·03	·29		13
14	·10	·02	–	–	·04	–	·31	–	·14	–	–	–		14
15	·26	–	–	–	–	–	·34	·03	–	–	·01	·27		15
16	·10	–	–	–	–	–	·46	–	–	–	·03	·24		16
17	–	–	–	–	·31	–	·10	·03	·02	·03	–	–		17
18	·03	·01	–	–	·14	·08	–	–	·22	·06	·18	–		18
19	–	–	–	–	–	–	–	·07	–	–	–	·16		19
20	·02	–	–	–	–	–	–	–	–	–	·30	·22		20
21	–	–	·02	–	–	–	–	–	·03	–	·01	·17		21
22	–	–	–	·02	–	·45	–	–	–	–	·20	·17		22
23	–	–	–	–	·02	·08	–	–	·33	·01	·19	–		23
24	–	–	·12	–	·05	·02	·01	·08	·30	·02	·09	–		24
25	·02	·09	–	–	–	–	–	–	–	·16	·60	·04		25
26	–	·57	·09	–	–	–	–	–	·10	·09	·02	·04		26
27	–	·01	–	–	·07	·20	·11	·27	·08	·03	·19	–		27
28	·12	–	–	–	·57	·08	·06	·59	·08	·04	–	·01		28
29	·02		·01	·04	·51	·03	–	–	·01	·02	·07	·03		29
30	–	✕	–	–	·11	·05	–	–	·09	–	·08	·08		30
31	·16	✕	–	✕	·22	✕	–	–	✕	·16	✕	·49		31
													Year's Total	
TOTAL	1·69	·90	·24	·08	2·15	1·71	2·42	2·67	1·91	2·47	2·11	3·05	21·40 *	
* Days with .01 in. or more.	19~~8~~	10~~3~~	~~2~~4	3~~2~~	13~~2~~	14~~3~~	16~~3~~	~~4~~13	~~8~~18	~~8~~20	~~9~~19	~~5~~22	~~57~~	171 *
* Days with .04 in. or more.	11	~~4~~6	2	1	11	11	13	9	10	12	10	17	~~11~~	113

† Spare column, no entries required.

* See Instruction 3 (f) on other side. X G. Fenwick Carter, Esq. C.E. X (Signed) J. Chambers [R.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3143

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Mexborough

in the County of Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

„ Ground „ Sea Level 77:10 ft.

File No. 777341/27.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	·01	·12	-	-	·19	·18	·05	·02	-	-		1
2	·10	-	-	·07	-	-	·01	·20	3·25	·02	·04	-		2
3	·13	-	-	·13	-	-	-	·29	-	·01	·21	·47		3
4	·32	-	·15	·47	-	-	·07	·32	-	·08	·02	1·30		4
5	-	-	-	-	·03	-	·08	·03	-	·18	·24	·22		5
6	·30	-	-	-	-	-	·32	-	-	·02	·10	-		6
7	·07	·07	·05	-	-	-	·05	-	-	·01	·31	·19		7
8	·05	-	·06	-	-	-	·12	-	-	·03	·02	·18		8
9	·01	·02	-	-	-	-	-	·07	-	·66	·01	·10		9
10	·58	-	·01	-	-	-	-	·01	·03	·02	-	-		10
11	·07	-	·23	-	·04	·28	-	-	·05	-	-	-		11
12	-	·08	-	-	-	·04	-	-	-	-	-	-		12
13	-	-	-	·04	·03	·08	-	-	·09	·05	-	-		13
14	·55	-	·02	·16	·17	·11	·49	-	-	·24	·03	·01		14
15	·03	-	-	-	·34	·27	·15	-	·02	·02	-	-		15
16	-	-	·37	-	1·00	·01	·47	-	-	-	·06	-		16
17	·87	-	·04	·32	·02	-	·11	-	-	·55	-	-		17
18	·15	·03	·05	-	-	·31	·20	-	·01	·02	1·26	-		18
19	·14	-	-	-	-	·29	·39	-	·06	-	-	-		19
20	-	-	-	-	-	·15	-	·09	·24	-	-	-		20
21	·09	·11	·19	·05	·08	·03	·05	-	·17	-	-	-		21
22	·10	·21	·07	-	-	-	·03	-	·06	-	·10	-		22
23	·07	-	-	·04	-	·08	·03	-	-	·06	·33	-		23
24	·03	-	·36	·02	-	·01	·09	-	-	-	-	-		24
25	·61	-	·01	-	-	·01	·02	·33	-	-	·21	·02		25
26	·02	·02	·01	·04	-	-	-	-	-	·01	·04	·06		26
27	·04	·03	·42	·07	-	·03	·02	-	-	·21	·13	-		27
28	-	·09	·27	·14	-	·08	·13	-	-	-	·20	-		28
29	-		·03	·04	-	-	·44	-	-	·22	-	-		29
30	-		-	-	-	-	-	-	-	-	·13	-		30
31	-		-		-		·03	-		·03		-		31
TOTAL	4·33	·66	2·35	1·71	1·71	1·78	3·49	1·52	4·03	2·46	3·44	2·25	Year's Total 29·73	✓
* Days with .01 in. or more.	21	9	18	14	8	5 15	22	9	11	20	18	9	174	✓
* Days with .04 in. or more.	17	5	12	13	5	10	16	7	8	9	14	7	123	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Chambers

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3143.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Mexborough.
in the County of Yorks.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 77·10 ft.

File number. 777341/27.

Jan 27th + 28th ests from nearby stn

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

' *An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	·05. s	-	-	-	-	-	-	-	-	·21	-		1
2	-	-	-	·35	-	-	-	-	-	-	·19	·05		2
3	·04	·14. SHR	-	·03	-	-	-	-	-	·08	·03	·09		3
4	-	·11	-	·11	-	-	-	-	-	·06	·33	·07		4
5	-	-	-	-	·15	-	·24	-	-	·11	·15	·18		5
6	·07	·14	-	-	-	-	-	-	-	·73	·04	-		6
7	·02	·19	-	·05	·09	-	·03	·06	·03	-	-	·04		7
8	-	-	-	·07	-	-	-	-	-	·10	-	·10		8
9	-	-	·23	·01	-	-	-	-	·02	·02	·57	·01		9
10	-	-	-	-	-	-	1·06	-	-	-	·06	·08		10
11	-	·02. s	-	-	-	-	1·05	-	-	-	·52	-		11
12	-	-	·20	-	-	-	·02	-	·06	-	·05	-		12
13	-	·04. s	·19. SHR	-	-	-	-	-	·02	-	-	-		13
14	-	-	-	·05	·24	-	·24	-	-	-	-	·25		14
15	·04	-	-	-	·05	·05	-	-	-	·05	·13	-		15
16	·02. s	·07. s	·02	-	-	·02	·28	-	·07	·84	·51	·05		16
17	-	-	·38	-	-	-	·60	-	·03	-	·63	-		17
18	·04	·11. SHR	·04	·60	-	-	·11	·16	·06	·01	·02	·10		18
19	-	·15. SHR	·03	·21	-	-	·21	-	·08	·08	·11	·03		19
20	-	-	-	·14	-	-	·07	·08	-	·05	·05	-		20
21	-	-	·05	-	-	·38	-	-	-	·10	1·03	-		21
22	-	-	·01	-	·01	·13	-	-	·08	·01	·01	·03		22
23	-	·06	·03	·01	·01	·05	-	-	-	·02	·05	·02		23
24	·13	-	-	-	-	-	·01	-	·01	·04	-	·02		24
25	·08	-	-	-	-	-	-	-	-	·06	-	-		25
26	·36. s	·01	-	-	·04	-	·04	·04	-	·02	-	-		26
27	(·95) ~~·36~~ s	·08	-	-	-	-	·09	-	·01	·01	·02	-		27
28	(·32) ~~·02~~ s	·37. SHR	-	-	-	-	-	-	-	-	-	-		28
29	-	·01	·07	-	-	·01	-	-	-	-	-	·29		29
30	·10. s	✕	-	·16	-	-	-	-	-	·11	-	·24		30
31	·07. s	✕	·14	✕	-	✕	-	-	✕	·80	✕	·20		31
TOTAL	2·24 ~~1·34~~	1·55	1·39	1·79	0·59	·64	4·05	·34	0·47	3·30	4·71	1·85	Year's Total ~~22·02~~	22·92
* Days with .01 in. or more.	13	~~8~~ 15	~~8~~ 12	~~8~~ 12	~~8~~ 7	~~2~~ 6	~~8~~ 14	~~4~~ 4	~~6~~ 11	~~6~~ 20	~~4~~ 20	~~5~~ 18	~~110~~ 152	
* Days with .04 in. or more.	10	12	9	9	5	4	11	4	5	14	16	13	112	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) J. Chambers

[P.T.O.

3144

—

WORTLEY RES

1931 – 40

780507

3144

FORM 1090.

B

n.

*** The following register
&c., is NOT required
values are given on th

ction and also the space for

this register should be sent:—

RAINFALL IN

At WORTLEY

In the County of York

in Summer

stance Direction from gauge

stance Direction from gauge

Rain Gauge
Diameter of Funnel
Height of Top above Ground ft in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·45	0·60	23	21	13
FEB.	3·15	0·57	11	24	22
MAR.	0·17	snow) 0·04)	9	8	1
APRIL	3·90	0·58	25	18	15
MAY	2·91	0·54	24	19	13
JUNE	4·78	0·88	5	16	14
JULY	4·55	1·04	12	25	18
AUG.	6·01	1·35	14	17	14
SEPT.	3·81	2·20	4	17	12
OCT.	0·91	0·19	6	13	8
NOV.	4·40	0·75	18	22	15
DEC.	1·07	0·25	3 & 5	15	7
Total	38·11			215	152

Signature M.Inst.C.E.
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

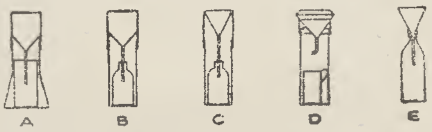
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Annual 10" low

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which* [illegible] *as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
15 JAN 1932

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3144

FORM 1090.

B Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At WORTLEY

In the County of York (W.R.)

Rain Gauge
- Diameter of Funnel........in.
- *Height of Top above Ground*........*ft*........*in.*
- *Height of Ground above Sea Level*........*ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more *	Number of Days with ·04 in. or more *
	Inches.	Inches.	Date.		
JAN.	2·45	0·60	23	21	13
FEB.	3·15	0·57	11	24	22
MAR.	0·17	snow 0·04	9	8	1
APRIL	3·90	0·58	25	18	15
MAY	2·91	0·54	24	19	13
JUNE	4·78	0·88	5	16	14
JULY	4·55	1·04	12	25	18
AUG.	6·01	1·35	14	17	14
SEPT.	3·81	2·20	4	17	12
OCT.	0·91	0·19	6	13	8
NOV.	4·40	0·75	18	22	15
DEC.	1·07	0·25	3 & 5	15	7
Total	38·11			215	152

Signature M.Inst.C.E.

Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter........in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

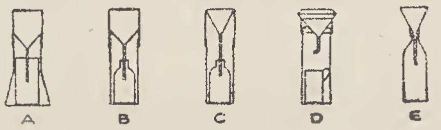
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Annual 10" can

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which* [illegible] *as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
15 JAN 1932

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3144

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932.

At Wortley

In the County of York (W.R.).

Rain Gauge {
Diameter of Funnel .... in.
Height of Top above Ground ...... *ft* ...... *in.*
Height of Ground above Sea Level ...... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2.85	0·97 snow)	6	16	11
FEB.	0·46	0·13)	9	11	4
MAR.	1·87	0·35	22	11	10
APRIL	3·34	0·45	6	25	24
MAY	6·88	3.10	21	25	14
JUNE	0.64	0·45	30	5	3
JULY	3·55	0·80	11	21	13
AUG.	2·10	0·90	20	11	6
SEPT.	1·65	0·28	7	16	10
OCT.	4.20	0·63	21	22	20
NOV.	2·48	0·68	22	23	15
DEC.	1·19	0·30	30	15	12
Total	31·21			201	142

Signature .... M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

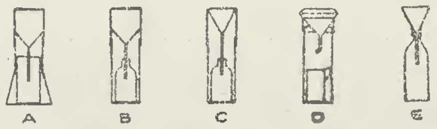
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3144

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Wortley

In the County of York (W.R.)

Rain Gauge
Diameter of Funnel ...... in.
Height of Top above Ground ...... *ft* ...... *in.*
Height of Ground above Sea Level ...... *ft.*

As before.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2.27	Snow 0·46	15	14	11
FEB.	3·81	Snow 1·10	26	16	14
MAR.	2·33	Part snow 0·71	17	11	7
APRIL	1·39	0·30	29 & 30	8	7
MAY	2·11	0·60	6	15	8
JUNE	1·12	0·43	24	10	8
JULY	2·24	0·50	8	14	10
AUG.	0·47	0·15	22	6	6
SEPT.	2·31	1·28	24	9	7
OCT.	4·54	1·12	7	21	15
NOV.	2·24	0·95	15	17	9
DEC.	0·59	0·15	15	12	5
Total	25·42			153	107

Signature ...... M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

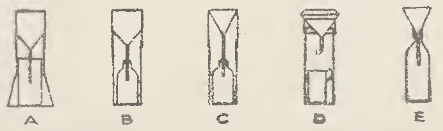
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of **rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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9

3144

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Wortley

In the County of York (W.R.).

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As before.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·50	0·60	13	17	12
FEB.	0·28	Snow 0·12	27	6	2
MAR.	2·86	0·50	10	22	18
APRIL	2·35	0·60	11	17	12
MAY	1·46	0·38	6	13	10
JUNE	1·73	0·36	8 & 21	13	8
JULY	2·35	1·20	13	12	8
AUG.	1·29	0·41	5	17	11
SEPT.	2·50	0·45	29	17	13
OCT.	2·35	0·50	4	22	15
NOV.	2·19	0·95	9	17	9
DEC.	4·88	0·96	4	29	23
Total	26·74 ✓			202	141

Signature .... M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.
January 21st 1935.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

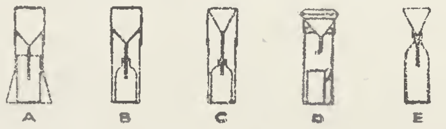
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

C Particulars of Station, 3144

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At ......Wortley......

In the County of ...York (W.R.).......

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground.......ft.............in.
Height of Ground above Sea Level.................ft.
As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	1·38	part 0·50	snow. 11	14	8
FEB.	3·63	1·02	16	18	14
MAR.	1·26	0·35	23	14	10
APRIL	3·19	0·74	23	20	16
MAY	0·34	0·15	13	7	3
JUNE	2·91	0·48	15	22	17
JULY	0·99	0·41	18	12	6
AUG.	2·48	0·75	23	9	7
SEPT.	4·63	0·90	24	19	17
OCT.	5·90	1·20	4	23	15
NOV.	5·70	0·78	17	24	22
DEC.	3·10	0·48	27	20	16
TOTAL	35·51			202	151

Signature .... M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1936.

*See Instruction 2 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......................in Summer....................

Nearest Railway Station.............................. Distance.................Direction from gauge...........

Nearest Parish Church at.............................. Distance.................Direction from gauge...........

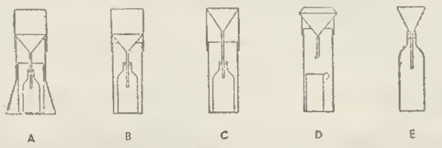
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3144

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Wortley

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel....................in.
- *Height of Top above Ground*......*ft*............*in.*
- *Height of Ground above Sea Level*..................*ft.*

As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·49	0·48 Snow	19	22	19
FEB.	3·90	0·91	19	18	15
MAR.	2·50	0·54	26	22	14
APRIL	1·34	0·64	1	14	9
MAY	1·22	0·40	30	14	8
JUNE	4·61	0·98	12	19	15
JULY	3.65	0·60	10	22	16
AUG.	1·20	0·34	19	14	9
SEPT.	2·84	0·42	6	18	13
OCT.	2·81	0·64	30	20	12
NOV.	4·56	0·98	9	19	15
DEC.	3·55	0·80	13	19	17
TOTAL	35·47 ✓			221 ✓	162 ✓

Signature W. Eddowes Assoc.M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 22nd 1937.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter..........................in Summer..................

Nearest Railway Station............................ Distance.................. Direction from gauge............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

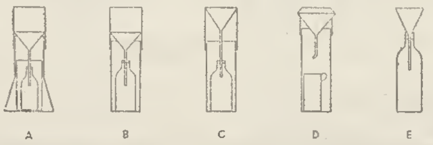
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
23 JAN. 1937

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3144

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Wortley Service Res.

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level.................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.82 ✓	0.74	18	24	17
FEB.	4.46 ✓	0.63	25	21	19
MAR.	3.49 ✓	1.06	11	27	17
APRIL	2.60 ✓	0.65	16	19	12
MAY	3.14 ✓	0.82	11	16	11
JUNE	1.63 ✓	0.64	13	9	7
JULY	2.72 ✓	1.28	15	12	8
AUG.	0.58 ✓	0.13	6	11	5
SEPT.	1.80 ✓	0.90	17	12	8
OCT.	3.51 ✓	1.38	23	11	8
NOV.	2.36 ✓	0.59	18	17	7
DEC.	3.36 ✓	1.22	2	26	16
TOTAL	34.47 ✓			205	135

Signature ....

Assoc.M.Inst.C.E.
Waterworks Engineer & Manager.
Barnsley Corporation.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

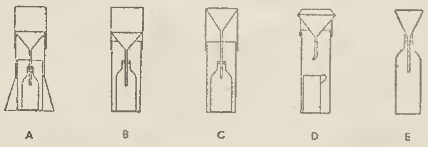
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Wortley Service Res.

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground.......ft..........in.*
- *Height of Ground above Sea Level..........ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	✓3.92	.99	15	26	17
FEB.	1·42✓	·75	26	17	8
MAR.	0·25✓	0·09	24	8	3
APRIL	0·19	0·15	2	4	1
MAY	2·73✓	0·77	29	13	10
JUNE	2·15✓	0·72	1	13	10
JULY	3·09✓	0·42	15	18	13
AUG.	2·55✓	0·49	28	16	11
SEPT.	2·55✓	0·61	30	18	11
OCT.	5·69✓	1·76	3	24	18
NOV.	4·09✓	0·70	23	21	16
DEC.	3·71✓	0·80	31	28	20
TOTAL	✓ 32·34			✓ 206	✓ 138

Signature W. Gordon Lee Assoc.M.Inst.C.E.
Waterworks Engineer & Manager.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

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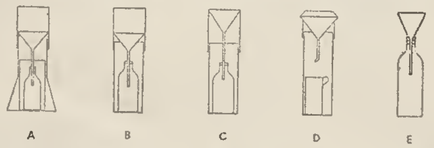

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3144

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939.

At Wortley Service Res.

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel.........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level...................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·15	·92	17	26	22
FEB.	1·72	·45	22	15	11
MAR.	2·43	·35	27	23	13
APRIL	1·80	·61	4	15	10
MAY	1·85	1·00	16	10	6
JUNE	2·84	·76	19	17	13
JULY	7·26	1·77	29	25	17
AUG.	2·08	0·32	25	16	11
SEPT.	2·01	1·10	2	12	7
OCT.	3·80	·92	9	24	17
NOV.	5·43	1·05	18	23	19
DEC.	2·81	P. Snow 1·17	4	16	10
TOTAL	39·18			222	156

Signature .... ~~Assoc~~ .M.Inst.C.E.,
Waterworks Engineer and Manager.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter......................in Summer..................

Nearest Railway Station.............................. Distance.................. Direction from gauge...........

Nearest Parish Church at.............................. Distance.................. Direction from gauge...........

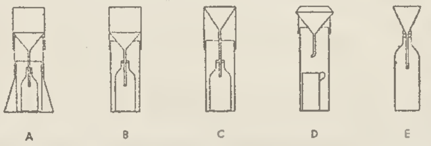
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3144

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Wortley Service Res.

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground........ft..........in.*
- *Height of Ground above Sea Level..........ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·67	Snow 0·72	26	13	12
FEB.	2·37	P. Snow 0·44	28	21	17
MAR.	2·36	0·39	17	18	14
APRIL	2·76	P. Snow 0·70	18	20	13
MAY	0·66	0·22	7	9	6
JUNE	0·66	0·33	21	6	3
JULY	3·05	0·80	10	18	12
AUG.	0·52	0·22	20	9	4
SEPT.	1·32	0·41	16	11	7
OCT.	4·67	1·04	6	23	16
NOV.	7·05	1·23	11	22	19
DEC.	2·55	0·42	5	18	15
TOTAL	30·64			188	138

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

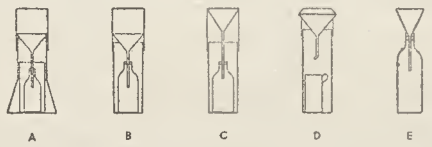
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3145

BARNSIDE

1931 — 40

780507

3145

FORM 1090. **B** M S

, **The following register of mon** **and also the space for**
&c., is NOT required if daily
values are given on the other

egister should be sent:—

RAINFALL IN 193

At BARNSIDE

In the County of York (W.

......in Summer......

Rain Gauge
Diameter of Funnel [illegible]
Height of Top above Ground ......*ft*.
Height of Ground above Sea Level

Direction from gauge ......

Direction from gauge ......

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	4·62	0·88	16	22	15
FEB.	4·67	0·75	11	26	22
MAR.	0·17	0·06	13	7	2
APRIL	4·86	0·58	2	23	15
MAY	3·27	0·58	24	22	15
JUNE	4·99	0·98	5	22	14
JULY	3·89	0·94	12	25	18
AUG.	7·07	1·30	14	17	15
SEPT.	4·85	2·21	4	20	12
OCT.	1·72	0·47	7	16	7
NOV.	6·50	1·12	18	28	19
DEC.	1·96	0·52	5	19	11
Total	48·57			247	165

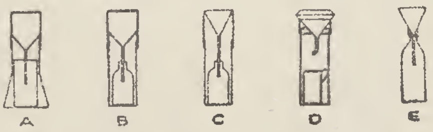
Directions from gauge ..

If gauge has been moved during the year state—

Date of move...... Distance...... Direction......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature ...... M. Inst. C.E.,
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

M.O.
15 JAN 1932

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r} 17 \\ 18 \end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** M S

3145

_ **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At BARNSIDE

In the County of York (W.R.)

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

as before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4·62	0·88	16	22	15
FEB.	4·67	0·75	11	26	22
MAR.	0·17	0·06	13	7	2
APRIL	4·86	0·58	2	23	15
MAY	3·27	0·58	24	22	15
JUNE	4·99	0·98	5	22	14
JULY	3·89	0·94	12	25	18
AUG.	7·07	1·30	14	17	15
SEPT.	4·85	2·21	4	20	12
OCT.	1·72	0·47	7	16	7
NOV.	6·50	1·12	18	28	19
DEC.	1·96	0·52	5	19	11
Total	48·57			247	165

Signature JWF M. Inst. C.E.,
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

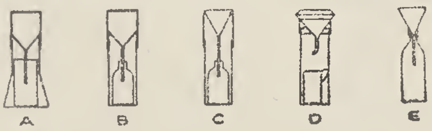
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
15 JAN 1932

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FORM 1090.

3145

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932.

At Barnside

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* ...... *ft* ...... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·14	1·25	6	19	13
FEB.	0·44	0·17	9	13	3
MAR.	3·02	0·96	7	12	10
APRIL	4·84	0·98	6	28	23
MAY	6·19	1·65	21	25	15
JUNE	0·77	0·52	30	6	2
JULY	4·35	1·00	11	24	14
AUG.	2·30	1·05	21	11	5
SEPT.	2·72	0·59	2	20	12
OCT.	6·28	0·85	29	27	20
NOV.	3·86	1·12	22	24	19
DEC.	1·76	0·28	3	21	13
Total	41·67			230	149

Signature M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

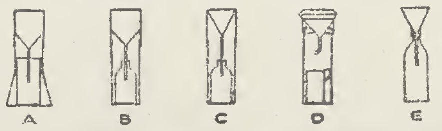
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | }·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3145

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Barnside

In the County of York (W.R.)

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·08	0·60	15	16	13
FEB.	4·74	1·40	26	18	13
MAR.	2·86	0·74	17	18	11
APRIL	1·26	0·27	26	15	8
MAY	2·87	0·73	27	18	13
JUNE	1·99	0·50	17	15	10
JULY	2·41	0·42	8	16	13
AUG.	0·66	0·17	22	7	6
SEPT.	2·16	1·04	24	11	7
OCT.	5·16	1·10	7	23	16
NOV.	2·45	1·01	15	23	11
DEC.	0·60	0·15	30	15	6
Total	30·24			195	127

Signature .... M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090.

3145

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Barnside

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·98	0·70	15	23	14
FEB.	0·17	0·06	27	7	2
MAR.	4·32	0·55	10	27	18
APRIL	2·79	0·74	27	20	16
MAY	2·26	0·56	6	17	13
JUNE	1·28	0·50	21	16	11
JULY	1·94	0·38	23	13	9
AUG.	2·10	0·42	5	19	12
SEPT.	2·98	0·57	22	22	14
OCT.	3·67	0·75	4	30	21
NOV.	2·74	0·93	9	19	10
DEC.	6·30	0·94	4	30	23
Total	34·53			243	163

Signature .... M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.
January 21st 1935.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

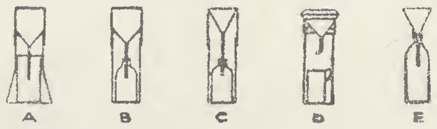
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

1935

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

3145

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At ......Barnside..............................

In the County of ..York. (W.R.).......

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·37	part 0·70	snow. 11	23	9
FEB.	7·34	1·94	15	24	20
MAR.	1·93	0·95	23	15	9
APRIL	3·51	0·50	10	22	17
MAY	0·46	part 0·18	snow. 13	7	4
JUNE	3·34	0·46	7	22	19
JULY	1·52	0·30	27	11	10
AUG.	2·47	0·85	26	10	6
SEPT.	5·97	0·92	16	22	18
OCT.	10·01	1·36	9	27	23
NOV.	8·14	1·31	20	29	24
DEC.	3·99	0·45	27	24	18
TOTAL	51·05			236	177

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........................in Summer..................

Nearest Railway Station.................................... Distance................. Direction from gauge............

Nearest Parish Church at.................................. Distance.................. Direction from gauge............

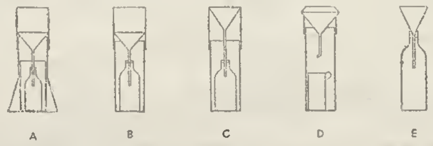
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature ....M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1936.

*See Instruction 2 *(f)* below.

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3145

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At ....Barnside....

In the County of York (W.R.).........

Rain Gauge
- Diameter of Funnel.....................in.
- *Height of Top above Ground........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·66	0·65 Snow.	19	23	20
FEB.	3·30	0·72	17	18	12
MAR.	3·81	0·76	29	26	18
APRIL	1·82	0·67	1	15	12
MAY	1·48	0·50	30	13	9
JUNE	4·51	1·20	22	19	13
JULY	3·96	0·65	10	21	18
AUG.	1·57	0·44	19	13	9
SEPT.	5·08	1·01	7	21	17
OCT.	4.36	0·70	26 & 30	24	15
NOV.	6·57	1·17	9	21	17
DEC.	4·66	1·01	13	20	18
TOTAL	45·78 ✓			234 ✓	178 ✓

Signature W. Endousee Assoc.M.Inst.C.E.,

Waterworks Engineer and Manager.
Barnsley Corporation.

January 22nd 1937.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer...................

Nearest Railway Station............................ Distance.................. Direction from gauge.............

Nearest Parish Church at.......................... Distance.................. Direction from gauge.............

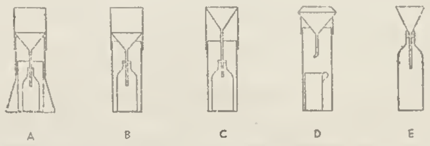
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O.
23 JAN. 1937

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Station No. 3145

Secti[on] **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Midhope Moor, Barnside

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

Moved

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·17	·27	Snow ·05	-	-	-	·02	-	·27	-	·06	·47		1
2	·32	·33	P.Snow ·05	·24	-	-	-	-	·02	-	-	1·07		2
3	·01	·13	·02	·16	·05	·08	·02	-	-	-	-	·07		3
4	·38	·03	P.Snow ·12	·10	·07	·01	-	-	-	-	·02	Snow ·35		4
5	1·40	·01	Snow ·18	·02	·01	-	·01	-	-	-	·01	Snow ·04		5
6	·30	-	Snow ·10	·05	·05	-	·21	·10	·01	-	·13	Snow ·24		6
7	·12	P.Snow ·76	Snow ·01	·40	·13	·08	·01	-	·08	-	·11	Snow ·05		7
8	·01	P.Snow ·41	Snow ·07	·07	·02	-	·04	-	-	-	·17	Snow ·12		8
9	-	P.Snow ·35	-	·05	·44	-	·51	·04	·01	-	·01	Snow ·05		9
10	·04	P.Snow ·24	Snow ·02	·02	·04	·05	·02	-	-	-	·04	Snow ·80		10
11	-	·02	Snow ·20	-	·66	-	-	-	-	-	·01	Snow ·14		11
12	·25	Snow ·28	·22	·01	·35	·14	-	·04	·27	-	-	Snow ·24		12
13	-	·07	·01	·01	·07	·25	-	·06	·06	-	-	Snow ·20		13
14	-	·05	Snow ·06	·01	·01	-	-	·12	·14	-	-	Snow ·20		14
15	·20	·45	-	·28	-	-	1·01	·01	·08	-	-	Snow ·08		15
16	·06	·65	P.Snow ·35	·49	·02	·04	-	·25	·14	-	-	Snow ·02		16
17	·30	·07	·33	·30	-	·04	-	·02	·77	-	-	-		17
18	Snow ·69	.20	·23	·04	-	·01	·02	·15	·02	-	·54	-		18
19	Snow ·02	·16	·04	·07	-	·10	·11	·03	·01	-	P.Snow ·68	-		19
20	·30	P.Snow ·18	·06	·20	·66	·28	-	-	-	-	·02	-		20
21	·17	·08	Snow ·02	·02	·03	·01	·26	-	-	·02	-	·03		21
22	.05	-	Snow ·05	·03	·05	-	·18	-	-	·37	·34	·04		22
23	·36	-	·01	·01	·08	-	·21	-	-	1·40	·54	-		23
24	·41	P.Snow ·42	·15	-	·11	-	·06	-	·03	·51	·02	·01		24
25	P.Snow ·08	·66	Snow ·09	-	·01	-	-	·01	·02	·46	-	·05		25
26	-	·44	Snow ·05	-	·42	-	-	·06	·03	·02	·01	·07		26
27	·02	Snow ·26	·01	·20	·01	-	-	·01	·03	·88	·03	·08		27
28	-	·51	·03	-	-	·07	-	-	-	.09	-	·01		28
29	Snow ·05		·01	-	-	-	-	-	-	·09	·04	·04		29
30	Snow ·48		-	-	-	·10	-	·11	-	·06	·14	·09		30
31	·45		-		-		-	·01		·24		·03		31
TOTAL	✓ 6·64	✓ 7·03	✓ 2·54	✓ 2·78	✓ 3·29	✓ 1·26	✓ 2·69	✓ 1·02	✓ 1·99	✓ 4·14	✓ 2·92	✓ 4·57	Year's Total 40·87	✓
* Days with .01 in. or more.	25	25	27	22	21	14	15	15	17	11	19	26	237	✓
* Days with .04 in. or more.	21	22	18	14	14	11	9	9	8	9	11	20	166	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W Gordon Lees [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3145

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Midhope Moor, Barnside moved

in the County of W. R. Yorks.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	·10	·01	-	·04	·90	1·30	·01	-	·09	·27	P.Snow ·42		1
2	·05	·15	-	·35	·08	·32	·01	·01	-	·60	·10	·07		2
3	·06	·01	-	·01	-	·02	·03	-	·10	2·70	·24	·03		3
4	·07	-	-	-	-	·04	·20	-	-	·49	·21	·52		4
5	·02	·03	-	-	-	·03	·04	·15	·03	1·10	·02	·08		5
6	·31	·03	-	-	-	·04	·24	·11	·06	·30	·01	·03		6
7	·30	·02	-	-	-	-	·50	·04	·60	·20	-	·04		7
8	P.Snow ·47	-	-	-	-	-	·53	·02	-	·91	-	·12		8
9	Snow ·10	·55	·09	-	-	·18	·05	·08	·01	·07	-	·46		9
10	Snow ·02	·09	·02	-	-	·05	·42	·01	-	·25	·03	·10		10
11	·36	·04	-	-	-	-	·24	·03	·01	·11	·10	·10		11
12	·26	·01	-	-	·14	-	-	·21	-	1·19	·24	·02		12
13	·10	Snow ·03	-	-	-	-	-	·01	·05	·25	·25	·34		13
14	·71	Snow ·02	-	-	·03	-	·25	-	·40	·02	-	·02		14
15	1·60	-	-	-	-	-	·27	·08	·01	·05	·02	·46		15
16	·43	-	·06	-	·03	-	·26	·19	-	·10	·19	·20		16
17	·01	Snow ·02	-	-	·19	-	·12	·08	·03	·12	·02	Snow ·01		17
18	·12	·02	-	-	·22	-	-	·20	·10	·46	·49	-		18
19	·01	·01	-	-	·03	·01	-	·31	·03	·01	·02	Snow ·13		19
20	·10	-	-	-	-	-	-	-	·06	-	·30	Snow ·13		20
21	·02	-	·01	-	-	·03	-	·01	·05	-	·04	Snow ·04		21
22	·02	·01	-	·02	-	·22	-	-	·01	-	·40	Snow ·16		22
23	-	-	-	·01	·16	·08	-	-	·39	·03	·99	-	61	23
24	·03	·01	·26	-	·03	·07	·02	·24	·10	-	·41	Snow ·01		24
25	·44	·30	P.Snow ·09	-	-	·01	·01	·04	·01	·30	·88	·02		25
26	·11	·55	·06	-	-	·04	-	-	·23	·25	·06	·12		26
27	·29	·30	·01	-	·30	·45	·20	·52	·07	·01	·60	·01		27
28	·74	·16	·05	-	·62	·70	·12	·55	·12	-	·01	·06		28
29	P.Snow ·11		·34	·01	1·12	·08	·09	-	·04	·04	·19	·10		29
30	P.Snow ·26		·01	-	·16	·08	-	-	·80	·01	·20	Snow ·09		30
31	·40		-		·61		-	-		·64		P.Snow ·95		31
TOTAL	7·52	2·46	1·01	0·40	3·76	3·35	4·90	2·90	3·31	10·30	6·29	4·84	Year's Total 51·04	
* Days with .01 in. or more.	29	21	12	5	15	19	20	21	23	26	26	29	246	
* Days with .04 in. or more.	22	9	7	1	11	14	16	14	15	21	19	21	170	

† Spare column, no entries required.

(*Signed*) W. Gordon Lees P.T.O.

Assoc. M. Inst. C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

* See Instruction 3 (f) on other side.

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Station No. 3145

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Midhope Moor, Barnside

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	–	·36	·08	–	–	·23	·15	·06	·06	·01	·45		1
2	·01	–	·03	·19	–	–	·17	·17	·99	·06	·11	·10		2
3	Snow ·26	–	–	·27	–	–	–	·41	·02	·02	·22	P.Snow ·85		3
4	Snow ·20	–	·30	·60	–	–	·13	·22	–	·13	·12	P.Snow 1·56		4
5	–	·01	·01	·02	·22	–	·12	·05	–	·49	·40	P.Snow ·17		5
6	P.Snow ·60	·01	·09	–	·02	–	·78	–	–	·06	·22	–		6
7	·15	·25	·41	–	·07	–	·04	–	–	·03	·36	·17		7
8	·32	·24	·43	–	–	–	·36	·04	–	·04	·20	·40		8
9	·10	·40	·01	–	–	–	·06	·40	–	·90	·12	·53		9
10	Snow ·55	·02	·04	–	–	·04	–	·19	·24	·04	·01	·01		10
11	P.Snow ·17	·14	·15	–	·02	·36	–	·08	·02	·02	–	·04		11
12	P.Snow ·20	·32	–	–	·03	·09	–	–	–	–	·02	·63		12
13	P.Snow ·02	·01	·02	·08	·08	·11	·02	·01	–	·07	·04	–		13
14	·75	–	·04	·07	·48	·20	·42	–	–	·38	·18	·01		14
15	·36	·03	·03	·28	·25	·71	·10	–	·02	·01	·07	·01		15
16	·08	·01	·17	·05	1·11	–	·19	–	–	–	·10	–		16
17	·82	·20	·01	·30	·17	·06	–	–	–	·83	·02	–		17
18	·45	·12	·03	–	·01	·20	·24	–	·06	·02	·99	–		18
19	·36	–	·01	–	–	·22	1·25	·02	·17	·03	·01	·02		19
20	·01	–	–	–	–	·26	·13	·35	·26	–	–	·03		20
21	·12	·17	·44	·18	–	·15	·10	·03	·28	–	–	–		21
22	·30	P.Snow ·60	P.Snow ·20	–	–	–	·04	–	·07	·03	·47	·01		22
23	·09	P.Snow ·35	·04	·20	–	·06	·09	–	·01	·33	·22	·01		23
24	Snow ·01	·04	Snow ·05	·11	–	·06	·05	·04	–	·01	·01	–		24
25	Snow ·37	·24	–	·01	–	·02	–	·36	–	–	1·90	·04		25
26	Snow ·18	·13	Snow ·01	–	–	–	–	·02	–	P.Snow ·08	·57	·09		26
27	Snow ·10	·36	·67	–	–	·10	·05	–	–	P.Snow ·13	·53	Snow ·02		27
28	Snow ·04	P.Snow ·12	·36	·09	–	·32	·35	·08	–	·01	·49	–		28
29	–		·05	·06	–	–	1·80	–	–	·24	·53	–		29
30	–	X	–	–	–	·19	·04	–	–	·01	·27	–		30
31	–	X	·02	X	–	X	·24	·03	X	·17	X	–		31
TOTAL	6·67	3·77	3·98	2·59	2·46	3·15	7·00	2·65	2·20	4·20	8·19	4·55	Year's Total 51·41	
* Days with .01 in. or more.	27	21	26	16	11	17	24	18	12	26	27	20	245	
* Days with .04 in. or more.	23	15	16	14	7	16	23	13	8	16	21	11	183	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ... ~~Assoc.~~ M. Inst. C. E.
Waterworks Engineer & Manager.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3145

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Midhope Moor, Barnside

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

Jan. 25-31 corr'd for snow

Fed

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	Snow ·15	·01	·15	·01	–	–	–	–	–	·41	·09		1
2	–	Snow ·15	–	·32	·01	–	·07	–	–	–	·76	·10		2
3	Snow ·04	Snow ·38	·02	·11	–	–	·02	–	–	·20	·07	·03		3
4	–	Snow ·01	–	·11	–	–	·03	–	–	·33	·27	·20		4
5	–	·16	–	·01	·10	–	·01	–	–	·51	·20	·84		5
6	·07	·29	–	–	–	–	–	–	–	1·05	·11	P.Snow ·25		6
7	·04	·18	–	·23	·25	–	–	·05	·20	·03	·01	·02		7
8	·01	·01	–	·08	·01	–	·02	·01	·01	·21	·01	·19		8
9	–	–	·18	–	–	–	·16	·11	·08	·45	1·20	·24		9
10	–	–	·02	·04	–	–	·52	·18	·03	·02	·88	P.Snow ·70		10
11	–	Snow ·13	·06	–	–	–	·25	–	–	·01	1·90	P.Snow ·03		11
12	–	Snow ·13	·52	–	–	–	·07	–	·34	–	1·10	–		12
13	–	Snow ·12	P.Snow ·40	·02	–	–	–	·02	·42	–	·03	–		13
14	–	Snow ·01	P.Snow ·08	P.Snow ·50	·09	–	·75	·02	·05	·05	·02	·58		14
15	–	–	P.Snow ·18	Snow ·08	·08	–	–	–	·01	·05	·20	·08		15
16	Snow ·14		·20	Snow ·05	–	–	·45	–	·97	·70	·51	·05		16
17	–		·45	P.Snow ·06	–	–	·66	–	·25	·02	·42	–		17
18	Snow ·10		·16	P.Snow ·60	–	–	·11	·05	·20	·01	·06	·20		18
19	Snow ·01	P.Snow ·18	·31	P.Snow ·21	–	–	·29	·02	·66	·11	·37	·02		19
20	–	·08	·12	·46	–	·02	·11	·25	·02	·09	·20	·01		20
21	Snow ·09	·01	·20	·03	–	·44	·02	·02	·01	·09	1·20	–		21
22		·03	·02	·01	·26	·15	·01	·02	·15	·03	·01	Snow ·04		22
23		·16	·14	·05	·05	·10	·02	–	·04	·10	·23	·05		23
24	(·50)	–	·01	·06	·01	–	·03	–	·02	·08	·01	·12		24
25	✓	–	–	·01	–	·07	–	–	–	·05	–	·01		25
26	✓	·06	–	·02	·02	·02	·33	·01	–	·05	·04	–		26
27	✓ (2.90)	·14	–	–	–	–	·10	·05	·07	·01	·05	–		27
28	✓	P.Snow ·60	–	·04	·12	–	·01	·03	–	·01	–	–		28
29	✓	P.Snow ·06	P.Snow ·26	·10	·13	·09	·01	–	·02	·01	–	·11		29
30	✓	✕	·02	·60	–	–	–	–	–	·50	–	·42		30
31	✓	✕	·30	✕	–	✕	–	–	✕	1·02	✕	Snow ·44		31
TOTAL	(3.90)	3.04	3·66	3·95	1·14	0·89	4·05	0·84	3·55	5·79	10·27	4·82	Year's Total 45·90	✓
* Days with .01 in. or more.	16	21	21	25	13	7	23	14	19	27	26	24	236	✓
* Days with .04 in. or more.	13	16	15	19	8	5	13	6	12	18	20	18	163	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. Endoulees [P.T.O.

3145/5

LITTLEDON VALLEY
LAUND CLOUGH NO32
1931 — 40

780507

3145/5

FORM 1090. **B** Mo
Su

, The following register of mont
&c., is NOT required if daily
values are given on the other s

and also the space for

ister should be sent:—

RAINFALL IN 1931

LITTLE.DON.VAL.
At (Laund Clough)
In the County of
Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level

...in Summer
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	7.32				
FEB.	7.80				
MAR.	·34				
APRIL	5.79				
MAY	3.42				
JUNE	6.78				
JULY	6.94				
AUG.	8.46				
SEPT.	6.51				
OCT.	2.83				
NOV.	6.69				
DEC.	3.27				
Total	66.15				

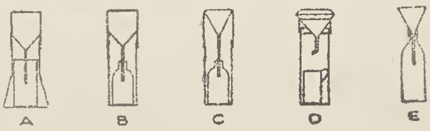
Directions from gauge ..

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

New 5" gauge.

Signature Sheffield Corporation W.W.

OS map No 37. E.6.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Form 1090. **B** M
Su

3145/5

ℳ 7.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At LITTLE.DON.VAL. (Laund Clough) No 37

In the County of

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 1515 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
Jan.	7.32				
Feb.	7·80				
Mar.	·34				
April	5·79				
May	3.42				
June	6.78				
July	6.94				
Aug.	8.46				
Sept.	6.51				
Oct.	2.83				
Nov.	6.69				
Dec.	3.27				
Total	66.15				

Signature Sheffield Corporation W.W.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ... in Summer ...

Nearest Railway Station ... Distance ... Direction from gauge ...

Nearest Parish Church at ... Distance ... Direction from gauge ...

Nature of objects nearest to gauge	53 29 13			
Heights of objects	1 45 33			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ... Distance ... Direction ...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

New 5" gauge.

OS map No 37. E.6.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N.

3145/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Laund Clough

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *ft.* .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	7·49				
FEB.	·52				
MAR.	3·78				
APRIL	7·31				
MAY	5·99				
JUNE	1·14				
JULY	5·26				
AUG.	2·85				
SEPT.	6·03				
OCT.	9·29				
NOV.	5·17				
DEC.	2·17				
Total	57·00 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

~~Langsett Moor~~

Little Don Valley

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq: M: Inst C.E. Engineer & Manager.
Water Dept: Town Hall: Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

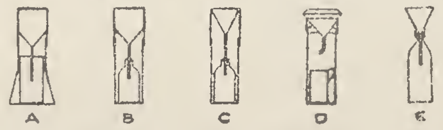
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Little Don Valley.

3145/5

Fo[illegible] 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Laund Clough

In the County of Yorkshire.

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·20				
FEB.	9·98				
MAR.	3·41				
APRIL	2·14				
MAY	2·16				
JUNE	3·15				
JULY	5·76				
AUG.	1·21				
SEPT.	2·05				
OCT.	5·92				
NOV.	3·26				
DEC.	·63				
Total	44·87 ✓				

Signature John N Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M.Inst.C.E. Engineer & Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big|\Big\}\cdot14\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

Langsett Moor

FORM 1090. **B** Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Laund Clough

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* ...... *ft* ...... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.42				
FEB.	·41				
MAR.	4.68				
APRIL	3.28				
MAY	3.86				
JUNE	2.33				
JULY	3.63				
AUG.	4.23				
SEPT.	3.94				
OCT.	6.82				
NOV.	3.63				
DEC.	7.23				
Total	49.46 ✓				

✓

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. NO 7.

3145/5

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq: M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

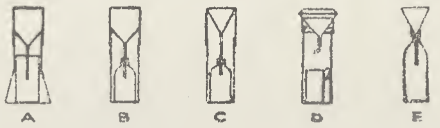
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Langsett Moor 3145/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Laund Clough

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel as before in.
- *Height of Top above Ground* ft. in.
- *Height of Ground above Sea Level* ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.63				
FEB.	8.80				
MAR.	3.31				
APRIL	4.38				
MAY	.55				
JUNE	4.95				
JULY	2.76				
AUG.	2.77				
SEPT.	8.23				
OCT.	14.17				
NOV.	9.41				
DEC.	5.34				
TOTAL	68.30 ✓				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, No 7

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq M. Inst C.E. Manager & Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

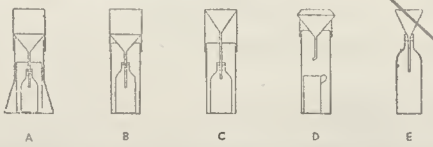
as Before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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LANGSETT MOOR 3145/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Laund Clough.

In the County of Yorkshire.

Rain Gauge:
Diameter of Funnel..........in.
Height of Top above Ground..........*ft*..........*in.* As before.
Height of Ground above Sea Level..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.45				
FEB.	5.95				
MAR.	5.01				
APRIL	2.39				
MAY	1.87				
JUNE	5.03				
JULY	5.42				
AUG.	2.75				
SEPT.	7.81				
OCT.	6.85				
NOV.	8.19				
DEC.	5.80				
TOTAL	63.52				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

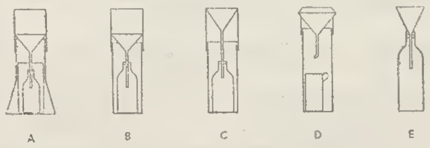
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and E.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3145/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Little Don Val. (Hound Clough)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1516 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8.77				
FEB.	8.71				
MAR.	5.20				
APRIL	3.84				
MAY	3.26				
JUNE	1.92				
JULY	4.33				
AUG.	1.50				
SEPT.	2.19				
OCT.	3.99				
NOV.	3.16				
DEC.	4.86				
TOTAL	51.73				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

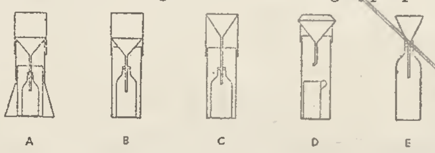
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3145/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Little Don Valley, Sound Clough No 32

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1515 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	✓ 7·64				
FEB.	3·25 ✓				
MAR.	2·19 ✓				
APRIL	·74 ✓				
MAY	3·99 ✓				
JUNE	5·08 ✓				
JULY	5·50 ✓				
AUG.	3·84 ✓				
SEPT.	3·48 ✓				
OCT.	12·94 ✓				
NOV.	7·43 ✓				
DEC.	6·52 ✓				
TOTAL	62·60 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

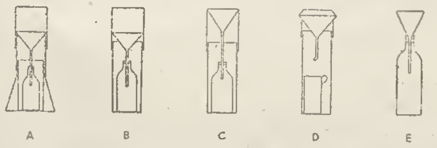
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3145/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Little Don Valley, Sound Clough No 32

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 1515 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·79				
FEB.	5·53				
MAR.	3·64				
APRIL	3·55				
MAY	2·61				
JUNE	3·81				
JULY	8·86				
AUG.	2·66				
SEPT.	2·55				
OCT.	4·76				
NOV.	10·08				
DEC.	5·28				
TOTAL	61·12				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer.
Sheffield Corporation Waterworks, Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

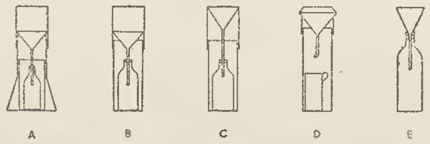
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 663/91 S.O. Code No. 40-9999

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3145/5

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Little Don Valley, Laund Clough

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1515 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(5·33)				
FEB.	(4·17)				
MAR.	4·45				
APRIL	4·14				
MAY	1·36				
JUNE	1·02				
JULY	5·35				
AUG.	2·22				
SEPT.	5·33				
OCT.	6·22				
NOV.	11·01				
DEC.	6·18				
TOTAL	56·78				

Signature John K Swales

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

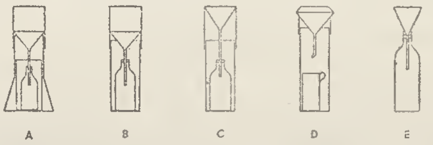
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
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TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each **month** should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W.H.&S. 668/91 S.O. Code No. 40-9999

Section **A** for the entry

AIR MINIST

FORM 1090. **REGI**

n Valley 3146

COPY FOR OFFICIAL USE.

LL ORGANIZATION.

/ .

Kept at Underbank

in the County of Yorks

Diameter of Funnel of Gauge a

Height of top of Gauge above Gr

,, Ground ,, Sea

THE MORNING MEA

Y.

An observer who does not conform
year in the space on the right of

following

Jan. 1, following

3146

LITTLE DON VALLEY
UNDERBANK RES.
1931 — 40

780507

Date	**Jan.**	**Feb.**	**Marc**								**Nov.**	**Dec.**	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·06	·04	–	·39	–	·02	·09	–	–	–	1
2	–	·05	–	·55	·01	·33	–	–	·33	·05	·04	·10	2
3	–	–	–	·18	–	·05	·06	–	1·13	–	·74	·33	3
4	·02	·11	–	·18	–	–	·27	·06	2·70	–	·14	·22	4
5	–	·01	–	–	·11	1·00	·05	·52	·05	–	–	·38	5
6	–	·06	–	–	–	·17	·33	–	·03	·06	·11	–	6
7	–	–	·03	–	–	·28	·17	·74	–	·10	·23	·02	7
8	·02	·34	·06	–	·05	–	·05	·89	–	·04	·19	–	8
9	–	·59	·06	·17	·03	·11	–	·13	·14	·01	·36	–	9
10	·02	·36	·05	–	·04	·09	–	·10	·06	–	·24	–	10
11	·07	·72	–	–	·02	·01	·03	–	·11	–	·04	–	11
12	·08	·18	–	–	–	–	·87	–	·07	·08	·09	–	12
13	–	–	·04	–	·02	·03	–	·14	–	–	–	–	13
14	–	·02	–	–	·04	·86	·56	1·25	–	–	·51	–	14
15	·06	·25	–	·03	·07	–	·27	·05	·05	–	·04	·10	15
16	·71	·17	–	·39	·14	·56	·05	·68	·10	–	–	–	16
17	·06	·25	–	·68	·18	·06	·16	·44	–	·01	–	–	17
18	·06	·02	–	·15	–	·38	·17	·09	–	·01	1·00	–	18
19	·02	·10	–	·17	–	·40	·20	·20	·17	·07	–	–	19
20	·01	·11	·01	·29	–	–	–	·61	–	–	·04	·01	20
21	·33	·07	–	–	·37	–	–	·05	–	–	·03	–	21
22	·06	·06	–	–	·22	–	–	–	·03	–	·01	–	22
23	·61	–	–	·29	·24	·22	·21	–	·01	–	·19	·02	23
24	·17	·03	–	·39	·37	–	·04	–	–	·04	–	·04	24
25	·23	·33	–	·50	·02	–	·11	–	–	–	·03	·04	25
26	·04	·07	–	·41	–	–	·02	–	·10	–	·22	·03	26
27	·34	·13	–	·02	·05	–	·20	–	–	·16	·56	·19	27
28	·20	·32	·01	·07	·29	–	–	–	·01	–	–	·07	28
29	·31		–	–	·46	–	·08	–	–	·31	·02	·02	29
30	·04	×	–	·01	·13	–	–	–	–	–	–	–	30
31	·18	×	–	×	–	×	–	–	×	·03	×	·03	31
TOTAL	3·64	4·35	·32	4·52	2·86	4·94	3·90	5·97	5·18	·97	4·83	1·60	YEAR'S TOTAL 43·08
*Days with ·01 in. or more.	22	23	8	18	20	16	20	16	17	13	21	15	209
*Days with ·04 in. or more.	17	19	5	15	15	14	18	15	13	9	17	9	166

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) John

P.T.O.

Section **A** r for the entry [redacted] n Valley 3146 COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Underbank Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level As Before ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	.06	.04	-	.39	-	.02	.09	-	-	-	1
2	-	.05	-	.55	.01	.33	-	-	.33	.05	.04	.10	2
3	-	-	-	.18	-	.05	.06	-	1.13	-	.74	.33	3
4	.02	.11	-	.18	-	-	.27	.06	2.70	-	.14	.22	4
5	-	.01	-	-	.11	1.00	.05	.52	.05	-	-	.38	5
6	-	.06	-	-	-	.17	.33	-	.03	.06	.11	-	6
7	-	-	.03	-	-	.28	.17	.74	-	.10	.23	.02	7
8	.02	.34	.06	-	.05	-	.05	.89	-	.04	.19	-	8
9	-	.59	.06	.17	.03	.11	-	.13	.14	.01	.36	-	9
10	.02	.36	.05	-	.04	.09	-	.10	.06	-	.24	-	10
11	.07	.72	-	-	.02	.01	.03	-	.11	-	.04	-	11
12	.08	.18	-	-	-	-	.87	-	.07	.08	.09	-	12
13	-	-	.04	-	.02	.03	-	.14	-	-	-	-	13
14	-	.02	-	-	.04	.86	.56	1.25	-	-	.51	-	14
15	.06	.25	-	.03	.07	-	.27	.05	.05	-	.04	.10	15
16	.71	.17	-	.39	.14	.56	.05	.68	.10	-	-	-	16
17	.06	.25	-	.68	.18	.06	.16	.44	-	.01	-	-	17
18	.06	.02	-	.15	-	.38	.17	.09	-	.01	1.00	-	18
19	.02	.10	-	.17	-	.40	.20	.20	.17	.07	-	-	19
20	.01	.11	.01	.29	-	-	-	.61	-	-	.04	.01	20
21	.33	.07	-	-	.37	-	-	.05	-	-	.03	-	21
22	.06	.06	-	-	.22	-	-	-	.03	-	.01	-	22
23	.61	-	-	.29	.24	.22	.21	-	.01	-	.19	.02	23
24	.17	.03	-	.39	.37	-	.04	-	-	.04	-	.04	24
25	.23	.33	-	.50	.02	-	.11	-	-	-	.03	.04	25
26	.04	.07	-	.41	-	-	.02	-	.10	-	.22	.03	26
27	.34	.13	-	.02	.05	-	.20	-	-	.16	.56	.19	27
28	.20	.32	.01	.07	.29	-	-	-	.01	-	-	.07	28
29	.31		-	-	.46	-	.08	-	-	.31	.02	.02	29
30	.04	✕	-	.01	.13	-	-	-	-	-	-	-	30
31	.18	✕	-	✕	-	✕	-	-	✕	.03	✕	.03	31
TOTAL	3.64	4.35	.32	4.52	2.86	4.94	3.90	5.97	5.18	.97	4.83	1.60	YEAR'S TOTAL 43.08
*Days with ·01 in. or more.	22	23	8	18	20	16	20	16	17	13	21	15	209
*Days with ·04 in. or more.	17	19	5	15	15	14	18	15	13	9	17	9	166

40-9999

(Signed) John Beaumont

P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE. Little Don Valley

Section **A** for the entry of Daily Observations.

Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Underbank.
in the County of Yorkshire.
Diameter of Funnel of Gauge ~~As Before~~ in.
Height of top of Gauge above Ground ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·22	·03	–	·16	·61	–	·19	·03	·20	·23	·05	·05	1
2	·34	–	–	–	·51	–	–	·03	·39	·10	·08	·22	2
3	·04	–	–	·10	·01	–	·23	–	·06	·02	–	·20	3
4	·03	·01	–	·10	–	–	·02	–	–	–	·07	·01	4
5	·51	·03	·30	·16	·01	–	–	–	·03	–	–	–	5
6	1·17	–	·23	·88	·04	–	·01	–	·05	–	–	–	6
7	·03	–	·75	·29	·04	–	–	–	·33	·11	·05	–	7
8	–	·01	–	·12	–	–	–	–	·07	·41	·02	·02	8
9	·29	·17	–	·44	·02	–	–	–	·02	–	–	·04	9
10	·26	·04	–	·16	–	–	–	–	·23	·16	–	·17	10
11	·06	·04	·01	·07	·20	·16	1·19	–	·04	·03	·04	–	11
12	·25	–	–	–	·05	–	·62	–	–	·34	·05	–	12
13	·02	·11	–	·17	·05	–	·81	–	·05	·78	·05	·05	13
14	·10	–	–	·16	–	–	·27	·01	–	·06	·21	·03	14
15	–	–	–	·03	·15	–	–	–	–	·05	·03	·05	15
16	·46	–	–	·34	·01	–	–	–	–	·03	·01	·01	16
17	–	–	–	–	–	–	·08	–	·03	·68	·02	–	17
18	–	–	–	–	–	–	–	–	·03	–	–	–	18
19	–	·01	·03	·15	–	–	–	·03	–	·17	–	–	19
20	–	–	–	·16	·45	–	·03	1·00	–	·23	·02	–	20
21	–	–	·13	·02	2·42	–	–	1·08	–	·68	·05	·09	21
22	–	–	·13	·09	·38	–	·17	–	·17	·03	·91	·11	22
23	–	·03	–	·22	·10	–	·02	–	–	·08	·17	·07	23
24	·03	–	–	·03	–	–	·22	–	·05	–	·22	–	24
25	–	·04	–	–	·05	–	·01	·01	·03	·32	·06	–	25
26	–	·04	–	·26	·46	–	·03	–	·02	·28	·43	–	26
27	·01	–	·34	·16	·53	–	·25	–	–	·02	·19	·01	27
28	·01	·01	·09	·10	·12	–	·15	·06	–	–	–	–	28
29	–	–	·30	·16	·44	·02	·06	·12	·23	·76	·18	·15	29
30	–	×	·17	·02	·17	·42	·02	·05	·08	·05	·50	·14	30
31	·01	×	·17	×	·04	×	·26	–	×	–	×	·07	31
TOTAL	3·84 ✓	·57 ✓	2·65 ✓	4·55 ✓	6·86 ✓	·60 ✓	4·64 ✓	2·42 ✓	2·11 ✓	5·62 ✓	3·41 ✓	1·49 ✓	YEAR'S TOTAL 38·76
*Days with ·01 in. or more.	18 ✓	13· ✓	12 ✓	25· ✓	23· ✓	3 ✓	20· ✓	10· ✓	19 ✓	23· ✓	22· ✓	18· ✓	206 ✓
*Days with .04 in. or more.	11 ✓	6· ✓	10· ✓	21· ✓	19· ✓	2· ✓	13· ✓	5·	13·	18· ✓	17· ✓	13· ✓	148·

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

Little Don Valley.

Section A for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Underbank Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... in.

,, Ground ,, Sea Level .... ft.

As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	·54	·05	–	·01	–	–	–	–	·02	·07	–		1
2	·34	–	·38	–	–	–	–	–	–	–	·15	–		2
3	·04	·19	·07	–	·32	–	–	–	–	–	·07	–		3
4	·16	·14	·08	–	·09	–	–	–	–	–	–	–		4
5	·35	·13	·18	–	·16	–	–	–	–	–	–	–		5
6	·02	·15	·02	–	·56	–	–	–	–	·02	–	·15		6
7	·02	·15	·04	–	·19	–	·12	–	–	1·02	–	·03		7
8	·10	·05	·02	–	·02	–	·37	–	–	–	–	·08		8
9	–	·37	–	·01	·02	–	·31	–	–	·49	·05	–		9
10	·02	·17	–	–	–	·06	·05	–	–	·90	·06	–		10
11	–	–	–	–	–	–	·32	–	–	·55	–	–		11
12	–	–	–	–	–	·21	·07	–	–	·02	–	·05		12
13	–	–	·01	–	·38	·04	·23	–	·16	·02	·05	–		13
14	·48	–	–	–	·04	–	·03	·03	–	·02	·38	–		14
15	·92	–	·04	–	–	·01	·11	·09	–	·37	1·06	·14		15
16	·42	–	·33	·10	·06	·09	·08	–	–	·17	·04	–		16
17	·09	–	·82	–	–	·34	–	·20	·04	–	·16	–		17
18	·02	·10	·26	–	–	·32	·02	–	–	–	·12	–		18
19	–	·08	·53	–	–	·08	–	–	·17	–	·02	–		19
20	–	–	–	–	–	–	–	·05	–	–	·03	–		20
21	–	–	–	–	·41	·15	–	·11	·06	·04	·03	·02		21
22	–	–	–	–	–	·17	–	·16	–	·39	–	–		22
23	–	·06	–	·20	–	–	–	·02	·33	·04	–	–		23
24	–	·80	–	·17	·04	·51	–	–	1·36	·03	·02	·01		24
25	–	2·13	–	·10	–	·05	–	–	·10	~~·12~~	·02	·08		25
26	·01	·79	–	·21	–	–	–	–	·03	·17	·07	–		26
27	–	·06	–	–	·68	–	–	–	·07	·16	–	–		27
28	–	–	–	·05	–	–	·04	–	·04	·18	–	–		28
29	–		–	·23	–	–	·01	–	–	·07	–	·01		29
30	·04	✕	·05	·03	–	–	·11	–	–	·10	–	·17		30
31	·21	✕		✕	–	✕	·16	–	✕	·19	✕	–		31
TOTAL	3·50	5·88	2·88	1·10	2·98	2·03	2·03	·66	2·36	4·97	2·40	·74	Year's Total 31·53	
*Days with ·01 in. or more.	17	16	15	9	14	12	15	7	10	21	17	10	163	
*Days with ·04 in. or more.	12	16	12	7	11	11	12	5	9	15	12	6	128	

local thunder

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required

(*Signed*) [P.T.O.

Little Don Valley

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1934. 3146

Kept at Underbank Reservoir

in the County of Yorkshire.

Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground ..... in.
,, Ground ,, Sea Level ..... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	–	–	·02	–	–	–	·12	–	·02	–	·10		1
2	–	·01	·10	–	–	–	–	·23	·22	–	·09	·12		2
3	·02	·05	–	–	–	–	–	–	·04	·16	–	–		3
4	·08	–	·20	·32	–	–	–	–	·13	·70	–	·83		4
5	–	–	·25	–	·06	–	–	·37	–	·09	·20	·07		5
6	–	–	·09	–	·56	·03	–	·09	·01	·09	–	·46		6
7	·17	·07	–	–	·02	·07	–	–	–	·10	·05	·27		7
8	–	–	·25	–	·09	·13	–	·04	–	·04	·34	·05		8
9	–	–	·44	·16	–	–	–	·03	–	–	1·05	·17		9
10	–	–	·22	·39	–	–	–	·16	–	·08	·19	–		10
11	·42	–	·25	·46	–	–	–	·06	–	–	·04	·16		11
12	–	–	·06	·05	–	–	·05	–	–	–	–	·07		12
13	·55	–	·43	·03	·06	–	·33	·09	·01	·05	–	·02		13
14	·16	–	·33	–	·09	·03	–	–	–	·27	·26	·22		14
15	·68	–	·16	–	·47	–	–	·01	·14	·05	·14	·08		15
16	·33	–	·26	–	·34	–	–	–	–	–	·12	·10		16
17	·33	–	·39	–	·12	–	·39	–	·44	·04	·01	·20		17
18	·12	–	·23	·16	·10	·06	–	·02	–	–	–	·16		18
19	–	–	·04	·03	·04	·11	–	–	·03	–	–	–		19
20	–	–	–	·03	·06	·04	–	·04	·12	–	–	–		20
21	·03	–	–	–	–	·42	–	·02	·04	·05	–	·02		21
22	·02	–	·06	–	–	–	–	·10	·44	·06	–	·02		22
23	–	–	·05	·15	–	·01	·37	–	–	·07	·03	·08		23
24	–	·02	·05	·13	–	·13	–	–	·06	·04	–	·04		24
25	·09	–	–	·06	·03	·01	·12	–	·11	·17	–	·54		25
26	·25	–	–	·10	–	·03	·12	–	·17	·02	·03	·02		26
27	–	·17	·04	·83	–	·11	·16	–	·04	·45	·01	·25		27
28	–	–	–	·15	–	·10	·11	·07	–	·22	–	·44		28
29	–		·01	–	–	–	–	·10	·52	·01	–	·20		29
30	·15	×	–	–	–	–	·08	–	·01	·27		·11		30
31	·02	×	–	×	–	×	–	–	×	·07	×	·06		31
Total	3·45	·32	4·00	3·07	2·04	1·28	1·73	1·55	2·53	3·12	2·56	4·86	Year's Total. 30·51	
* Days with .01 in. or more.	17	5	21	16	13	14	9	16	17	23	14	27	192	
* Days with .04 in. or more.	12	3	20	12	11	9	9	12	13	20	10	23	154	

40-9999

† Spare column, no entries required.

(Signed)

P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE. Little Don Valley

Section **A** for the entry of Daily Observations. Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Underbank Reservoir

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" Ground " Sea Level .... ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.34	.15	.17	.03	-	.03	.03	-	.16	.26	.12	.50		1
2	-	.04	.03	-	-	.07	-	.10	-	.38	.05	.12		2
3	.01	.39	.04	.04	-	.04	.08	-	.03	.02	.21	.02		3
4	-	-	.01	.03	-	.05	.08	-	.12	1.19	-	-		4
5	.02	.25	.15	.21	-	.22	.02	-	.12	.04	.06	.03		5
6	.04	-	-	.04	-	.29	-	-	-	-	-	-		6
7	.04	-	-	.06	-	.21	-	-	-	.44	.54	.16		7
8	-	-	.02	.13	-	.25	-	.38	-	.04	.06	.27		8
9	-	-	-	.30	.02	.16	-	-	-	1.15	.20	.06		9
10	-	-	.03	.38	-	.03	-	-	-	.60	.21	-		10
11	.85	.05	-	-	-	.10	-	-	-	.07	.16	.15		11
12	-	.08	-	-	-	.10	-	.02	.02	-	-	-		12
13	.05	.01	-	.06	.28	.06	-	-	.19	.03	.02	-		13
14	-	-	-	.18	.10	-	-	-	.05	-	.76	.07		14
15	-	1.02	-	.38	.10	.32	.12	-	.25	-	.14	.27		15
16	.01	1.24	.18	.13	-	.17	.09	.01	.70	.02	.70	-		16
17	-	.08	-	.18	.08	.37	.10	-	.57	.03	1.10	-		17
18	.05	.01	-	.10	.03	.21	.28	-	.44	.39	.08	-		18
19	.02	.05	-	.24	-	.10	.19	-	-	.34	.28	-		19
20	.02	.35	-	.49	-	.04	.02	-	-	.02	1.19	.01		20
21	-	.59	-	.03	-	-	-	-	.64	.05	.27	.08		21
22	-	.05	.17	-	-	-	-	-	.01	-	.02	-		22
23	-	-	.74	.08	-	-	-	.83	.06	.32	-	-		23
24	.42	.84	-	-	-	-	-	-	.89	.02	.02	.27		24
25	.19	.12	.01	-	-	.08	-	-	-	.02	.04	.11		25
26	.04	-	-	-	-	-	.02	.68	.18	.24	.11	.31		26
27	.04	.16	-	-	.02	-	.14	-	.36	.56	.12	.39		27
28	.02	-	-	-	-	-	-	.05	.12	.13	.10	.18		28
29	-		.07	-	-	-	-	-	.11	.37	.08	.20		29
30	.05	✕	-	.02	-	.02	-	.12	.21	.68	.72	.08		30
31	.02	✕	-	✕	-	✕	-	-	✕	.52	✕	.25		31
TOTAL	2.23	5.53	1.62	3.11	.63	2.92	1.17	2.19	5.23	7.93	7.36	3.53	Year's Total 43.45	
* Days with .01 in. or more.	18	18	12	20	7	21	12	8	20	26	26	20	208	
* Days with .04 in. or more.	11	16	7	16	4	18	8	6	17	19	23	17	162	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) .... [P.T.O.

COPY FOR OFFICIAL USE.

LITTLE DON VALLEY

Station No. 3146

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Underbank Reservoir,

in the County of Yorkshire.

Diameter of Funnel of Gauge..........in. As before.

Height of top of Gauge above Ground.......ft.......in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.10	.18	.81	-	.02	-	.20	.02	-	.05	.34		1
2	-	.02	.10	.08	-	.93	.11	.08	-	-	.02	.17		2
3	.01	.03	.02	-	-	.23	-	.06	.37	-	-	.14		3
4	.10	.08	.06	-	-	.09	-	.06	.08	.04	.22	.31		4
5	.15	.01	.50	-	.04	-	-	.08	.14	.04	-	.39		5
6	.03	-	-	-	.05	.03	.18	.18	.51	-	.24	-		6
7	.01	-	.04	-	-	-	.20	-	.89	.04	.10	.02		7
8	.34	-	.10	-	-	-	-	-	-	.02	.33	.02		8
9	.37	.03	.10	-	.06	-	.21	-	.05	.04	1.34	-		9
10	.16	-	.02	-	-	-	.54	.12	.01	-	.61	-		10
11	-	-	.01	.06	-	.05	.08	.01	.21	-	.76	-		11
12	-	-	-	.27	.07	.79	.49	-	.51	-	.44	.10		12
13	-	-	-	.11	-	.16	.23	-	-	.04	-	1.00		13
14	-	-	-	.17	-	.15	-	.01	.28	.03	.18	.63		14
15	.22	.06	.01	.16	.06	.05	.04	-	.30	-	.62	.09		15
16	.17	.05	-	.05	-	-	.05	-	-	.02	.49	-		16
17	-	.73	-	-	.06	-	.14	-	-	.25	.06	.25		17
18	-	.11	-	.02	-	.03	.10	.01	-	.56	.02	.02		18
19	1.18	.31	.02	.03	-	.24	.02	.29	-	.15	-	-		19
20	.21	.21	.01	-	-	.04	-	.01	.04	.04	-	-		20
21	.10	-	.04	.17	-	-	-	-	-	-	-	-		21
22	.02	.62	.10	-	.05	1.04	.20	-	-	-	-	-		22
23	-	-	.19	.10	.26	-	.44	-	-	.04	-	-		23
24	.05	.15	.03	.02	.34	-	-	-	.11	.37	-	-		24
25	.10	-	.11	.03	-	.02	-	-	.42	.23	.02	-		25
26	.02	.30	.81	-	-	-	-	-	.02	.66	-	-		26
27	.37	-	.08	.02	-	-	-	-	.10	.38	-	-		27
28	.33	.70	.08	-	-	-	.34	-	.03	-	.02	.07		28
29	.23	.61	.57	-	-	.61	.02	-	-	.06	.04	.15		29
30	.07	✕	.01	-	.55	-	.06	-	-	.68	.14	.04		30
31	.02	✕	.04	✕	-	✕	-	-	✕	-	✕	.32		31
TOTAL	4.26 ✓	4.12 ✓	3.23 ✓	2.10 ✓	1.54 ✓	4.48 ✓	3.45 ✓	1.11 ✓	4.09 ✓	3.69 ✓	5.70	4.06 ✓	Year's Total 41.83 ✓	
* Days with .01 in. or more.	22 ✓	17 ✓	24	15	10	16	18	12	18 ✓	19 ✓	19 ✓	17 ✓	207 ✓	
* Days with .04 in. or more.	16	13 ✓	16 ✓	10 ✓	10	12	16 ✓	8 ✓	14	16	15 ✓	14 ✓	160 ✓	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John K. Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Little Don Val. (Underbank Res.)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 684 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.11	.23	.06	-	-	-	.04	-	.23	-	.05	.34		1
2	.25	.25	.03	.24	-	-	-	-	-	-	-	1.17		2
3	-	.10	.02	.11	.03	.01	-	-	-	-	-	.07		3
4	.32	-	.14	.13	.04	-	-	-	-	-	-	.32		4
5	1.04	-	.18	-	-	-	-	-	-	-	-	.03		5
6	.25	-	.07	.02	.06	-	.16	.12	-	-	.09	.23		6
7	.08	.72	-	.27	.04	.09	-	-	.03	-	.07	-		7
8	-	.49	.06	.05	-	-	.03	-	-	-	.17	.15		8
9	-	.32	-	.02	.34	-	.33	-	-	-	-	.01		9
10	-	.20	.02	-	.02	.05	-	-	-	-	.03	.23		10
11	-	-	1.34	-	.87	-	-	-	-	-	-	.03		11
12	.16	.22	.15	-	.51	.21	-	-	.22	-	-	.16		12
13	-	.02	-	-	.06	.26	-	.04	.03	-	-	.12		13
14	-	-	.18	-	-	-	-	.17	.07	-	-	.25		14
15	.25	.35	-	.22	-	-	1.12	-	.06	-	-	.04		15
16	.02	.54	.39	.54	-	.02	-	.12	.21	-	.01	-		16
17	.17	.01	.25	.41	-	.04	-	-	.57	-	-	-		17
18	1.22	.09	.18	.01	-	.02	.02	.17	-	-	.53	-		18
19	.01	.10	-	.03	-	.09	.10	-	-	-	.71	-		19
20	.18	.21	.04	.23	.71	.05	-	-	.01	-	-	-		20
21	.10	.05	.03	-	-	-	.20	-	-	-	-	-		21
22	.03	-	.01	.01	.05	-	.15	-	-	.25	.29	.02		22
23	.31	-	-	-	.20	-	.18	-	-	1.40	.58	-		23
24	.44	.40	.07	-	.09	.01	.04	-	-	.57	-	-		24
25	.10	.60	.18	-	-	-	-	.01	.01	.45	-	.02		25
26		.35	.04	-	.39	-	-	.05	-	-	-	.04		26
27		.43	.01	.23	-	-	-	-	-	.91	.02	.08		27
28		.53	-	-	-	.04	-	-	-	.04	-	-		28
29	.03		-	-	-	-	-	-	-	.08	-	.05		29
30	.38	✕	-	-	-	.04	-	.09	-	.04	.06	.09		30
31	.44	✕	-	✕	-	✕	-	-	✕	.21	✕	.02		31
TOTAL	5.89	6.21	3.45	2.52	3.41	.93	2.37	.77	1.44	3.95	2.61	3.47	Year's Total 37.02	
* Days with .01 in. or more.	21	21	21	15	14	13	11	8	10	9	12	21	176	
* Days with .04 in. or more.	17	19	15	10	12	9	9	7	6	9	9	15	137	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Little Don Valley, Underbank Res.
in the County of W. R. Yorks.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 6404 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	.08	–	–	.03	.90	.71	–	–	.03	.27	.34		1
2	.05	.07	–	.19	.12	.25	–	–	–	.44	.03	.10		2
3	.05	–	–	–	–	–	.10	–	.08	1.89	.12	–		3
4	.07	–	–	–	–	.03	.11	–	–	.44	.13	.34		4
5	–	–	–	–	–	–	.05	.22	.03	.78	–	.04		5
6	.24	.03	–	–	–	.02	.44	.20	.09	.20	–	.04		6
7	.18	–	–	–	–	–	.24	.03	.56	.12	–	.03		7
8	.39	–	–	–	–	–	.47	–	–	.62	–	.04		8
9	.08	.35	.02	–	–	.13	.06	.07	–	.04	–	.35		9
10	.01	.04	–	–	–	.05	.22	–	–	.22	–	.10		10
11	.25	–	–	–	–	–	.16	–	–	.10	.07	.10		11
12	.20	–	–	–	.10	–	–	.21	–	.66	.16	–		12
13	.04	.03	–	–	–	–	–	–	.07	.16	.19	.31		13
14	.51	–	–	–	.01	–	.20	–	.26	–	–	–		14
15	1.14	–	–	–	–	–	.34	.03	–	.04	–	.35		15
16	.34	–	.02	–	.02	–	.34	.10	–	.05	.12	.18		16
17	–	.02	–	–	.22	–	.15	.04	.01	.09	–	.03		17
18	.06	–	–	–	.21	–	–	.10	.10	.34	.36	–		18
19	–	.02	–	–	–	–	–	.23	–	–	–	.15		19
20	.05	–	–	–	–	–	–	–	.02	–	.32	.11		20
21	–	–	–	–	–	–	–	–	.07	–	.02	.19		21
22	–	–	–	.02	–	.23	–	–	–	–	.38	.18		22
23	–	–	–	–	.07	.04	–	–	.33	–	.76	–		23
24	.05	.02	.18	–	.02	.02	–	.26	.10	.02	.29	.03		24
25	.27	.25	.05	–	–	–	–	.03	–	.36	.79	.03		25
26	.05	.52	.02	–	–	.03	–	–	.23	.21	.04	–		26
27	.16	.11	–	–	.24	.29	.15	.52	.08	–	.37	–		27
28	.55	.11	–	–	.63	.49	.06	.50	.15	–	–	.07		28
29	.10		.14	–	.92	.24	.04	–	–	.02	.15	.06		29
30	.22		–	–	.09	.07	–	–	.74	–	.12	.07		30
31	.33		–		.49		–	–		.49		.91		31
TOTAL	5.39	1.65	.43	.21	3.17	2.79	3.84	2.54	2.92	7.23	4.69	4.15	Year's Total 39.01	
* Days with .01 in. or more.	24	13	6	2	14	14	17	14	16	22	19	24	185	
* Days with .04 in. or more.	23	8	3	1	10	10	17	11	13	19	17	20	152	

† Spare column, no entries required.

(*Signed*) .... P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Little Don Valley, Underbank Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 604 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	-	·28	·09	·	·	·14	·11	·02	·07	-	·26		1
2	·09	-	·03	·14	-	-	·08	·09	·41	·08	·10	·08		2
3	·18	-	·	·24	-	-	·	·47	-	-	·24	·72		3
4	·19	-	·21	·63	-	-	·08	·19	-	·21	·08	1·31		4
5	-	-	·01	·02	·17	-	·20	·07	-	·40	·31	·16		5
6	·32	·02	·08	-	-	-	·60	-	-	·06	·17	·		6
7	·04	·18	·34	-	·06	-	·03	-	-	·	·38	·18		7
8	·28	·17	·29	-	-	-	·35	·02	-	·05	18	·26		8
9	·09	·25	-	-	-	-	·03	·37	-	·79	·04	·35		9
10	·68	-	·03	-	·	·04	·	·14	·09	·04	·	·		10
11	·12	·07	·17	-	·04	·34	-	·01	·02	-	-	·05		11
12	·18	·32	-	-	·03	·16	-	-	-	-	·	·03		12
13	-	-	-	·05	·06	·17	·01	-	-	·04	·02	·		13
14	·63	-	·05	·05	·51	·14	·64	-	-	·41	·15	·		14
15	·26	·01	·03	·10	·25	·43	·07	-	·02	-	·05	·		15
16	·05	·01	·20	-	1·31	-	·24	-	-	-	·04			16
17	·79	·08	·01	·29	·16	-	-	-	-	·95 ✓	·02	·		17
18	·35	·08	·02	-	·	·25	·10	-	·05	·02	1·04	·		18
19	·24	-	-	-	·	·38	·76	·02	·17	·01	-	·03		19
20	·01	-	-	-	-	·26	·11	·25	·28	-	·	·03		20
21	·10	·17	·34	·11	·	·23	·17	·02	·30	-	-	·		21
22	·22	·51	·16	-	-	-	·04	-	·06	·02	·28	·02		22
23	·08	·25	·01	·16	-	·09	·07	-	-	·25	·20	·		23
24	·01	·04	·05	·07	·	·04	·10	·02	-	-	-	·		24
25	·57	·15	·05	·04	·	·02	-	·32	-	-	1·09	·03		25
26	·09	·15	·	-	-	-	-	-	-	·09	·36	·13		26
27	·07	·23	·78	-	·	·11	·01	-	-	·17	·12	·		27
28	·03	·07	·49	·17	-	·12	·22	·04	-	-	·27	·		28
29	-	×	·02	·06	-	-	1·60	-	·	·27	·32	·02		29
30	-	×	-	-	-	·08	-	-	-	-	·17	·		30
31	-	×	-	×	-	×	·24	·01	×	·18	×	·		31
													Year's Total	
TOTAL	5·73	2·76	3·65	2·22	2·59	2·86	5·89	2·15	1·72	4·11	6·02	3·66	43·36	
* Days with .01 in. or more.	26	18	22	15	9	16	23	16	10	19	22	16	212	
* Days with .04 in. or more.	23	15	14	14	8	15	19	10	7	16	20	10	141	

† Spare column, no entries required.

(*Signed*) [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3146

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Little Don Valley. Underbank Res.
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 604 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·12		·12	·01						·37	·02		1
2		·08		·24			·04				·64	·04		2
3	·04	·39		·04			·02			·22	·06	·01		3
4		·18		·12			·01			·25	·35	·12		4
5					·08		·01			·32	·23	·57		5
6	·05	·18								1·12	·10	·16		6
7	·01	·20		·12	·24			·03	·15	·02		·01		7
8				·06			·01			·21		·08		8
9			·14				·11	·04	·02	·32	·84	·12		9
10							·51	·17		·01	·61	·74		10
11		·12	·04	·01			·11				1·40	·03		11
12		·03	·40				·02		·17		·69	-		12
13		·07	·56						·30		·01	·01		13
14			·03	·41	·11		·92		·04	·04		·34		14
15			·09	·05	·05					·05	·24	·04		15
16	·15	(·15)	·09	·03			·46		·58	·83	·52	·06		16
17			·30				·47		·23	·02	·46			17
18	·08	·22	·10	1·34			·12	·03	·15	·05	·06	·14		18
19		·16	·24	·16		·01	·21	·01	·44	·05	·27	·02		19
20			·07	·44		·03	·11	·18	·01	·09	·10	-		20
21	·05		·11	·01		·28	·02	·02		·05	1·28	-		21
22	·02		·01		·15	·17		·01	·13	·03		·06		22
23		·15	·09	·03	·03	·12	·02		·01	·09	·14	·04		23
24	·14			·04			·03		·02	·06		·11		24
25	·04			·01		·02				·05		-		25
26	·50	·04			·02	·02	·32	·02	·01	·06	·02	-		26
27	1·07	(·08)					·08	·05	·05		·07	-		27
28	1·02	(·62)		·02	·08							-		28
29	·10	·10	·20	·06	·33	·05			·02	·01		·04		29
30	·09			·56						·30		·26		30
31	·12		·24							1·04		·56		31
													Year's Total	
TOTAL	(3·51)	2·89	2·71	3·87	1·10	·70	3·60	·56	2·33	5·98	8·46	3·58	38·69	
* Days with .01 in. or more.	15	17	16	20	10	8	20	10	16	24	21	23	200	
* Days with .04 in. or more.	13	16	14	14	7	4	12	4	10	19	19	17	149	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swales

[P.T.O.

3147

BROCKHOLES

1931 – 40

780507

FORM 1090.

B

...le Don Valley.

3147

*** The following register of mo... &c., is NOT required if dail... values are given on the othe... ...n and also the space for ... register should be sent:—

General Manager and Engineer ...field

...in Summer 9 a.m

...e 2 miles Direction from gauge N.E

...e 1 mile Direction from gauge W.S.W.

RAINFALL IN 19...

At Brockholes

In the County of Yorkshi...

Rain Gauge
- Diameter of Funnel 5...
- *Height of Top above Ground* 1 f...
- *Height of Ground above Sea Level*...

Directions from gauge .. N.E. S.W.

Month.	Total Depth.	Greatest Fall in 24 hours.	
	Inches.	Inches.	Date.
JAN.	3.88	✓	
FEB.	4.83	✓	
MAR.	.29	✓	
APRIL	5.21	✓	
MAY	2.96	✓	
JUNE	4.91	✓	
JULY	3.69	✓	
AUG.	6.90	✓	
SEPT.	5.25	✓	
OCT.	1.39	✓	
NOV.	4.92	✓	
DEC.	1.66	✓	
Total	45.89 ✓		

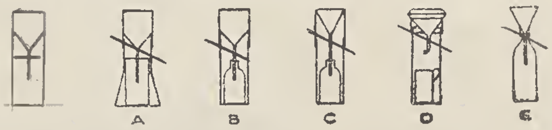
Signature

If gauge has been moved during the year state—

Date of move Jan 1. 1931. Distance 75 yds Direction S.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: Jan 1931. Added Standard Turf Wall.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

B Summary.

C Particulars of Station.

le Don Valley.

3147

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Brockholes

In the County of Yorkshire

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 902 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·88 ✓				
FEB.	4·83 ✓				
MAR.	·29 ✓				
APRIL	5·21 ✓				
MAY	2·96 ✓				
JUNE	4·91 ✓				
JULY	3·69 ✓				
AUG.	6·90 ✓				
SEPT.	5·25 ✓				
OCT.	1·39 ✓				
NOV.	4·92 ✓				
DEC.	1·66 ✓				
Total	45·89 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales - M. Inst C.E. General Manager and Engineer

Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Penistone Distance 2 miles Direction from gauge N.E ✓

Nearest Parish Church at Langsett Distance 1 mile Direction from gauge W.S.W. ✓

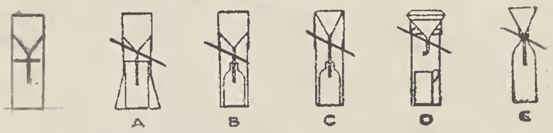
Nature of objects nearest to gauge	2 Trees	wall		
Heights of objects	15 ft	4½ ft		
Distances ..	23 yds	37 yds		
Directions from gauge ..	N.E.	S.W.		

If gauge has been moved during the year state—

Date of move Jan 1. 1931. Distance 75 yds Direction S.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: Jan 1931. Added Standard Turf wall.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

Little Don Valley 3147

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Brock Holes

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·25				
FEB.	·59				
MAR.	2·49				
APRIL	4·23				
MAY	7·06				
JUNE	·63				
JULY	4·42				
AUG.	2·58				
SEPT.	2·22				
OCT.	5·59				
NOV.	3·44				
DEC.	1·50				
Total	39·00 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq: M. Inst C.E. Engineer & Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Little Don Valley

3147

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Brock Holes

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.42				
FEB.	5.95				
MAR.	2.73				
APRIL	1.22				
MAY	2.15				
JUNE	2.09				
JULY	2.13				
AUG.	.60				
SEPT.	2.53				
OCT.	4.40				
NOV.	2.55				
DEC.	.72				
Total	30.49				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M. Inst. C.E. Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. —in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Brock Holes

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... ft. .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·36				
FEB.	·29				
MAR.	3·94				
APRIL	3·34				
MAY	1·89				
JUNE	1·18				
JULY	1·77				
AUG.	1·69				
SEPT.	2·20				
OCT.	3·47				
NOV.	2·82				
DEC.	5·41				
Total	31·36 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Little Don Valley
No 7
3147

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Little Don Valley. 3147

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is **NOT** required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Brock Holes

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ....in.
- *Height of Top above Ground* ....in.
- *Height of Ground above Sea Level* ....ft.

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·31				
FEB.	5·84				
MAR.	1·48				
APRIL	3·04				
MAY	·54				
JUNE	2·96				
JULY	·90				
AUG.	2·14				
SEPT.	5·39				
OCT.	7·78				
NOV.	8·11				
DEC.	3·65				
TOTAL	44·14 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, NO 7.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq.; M.Inst.C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

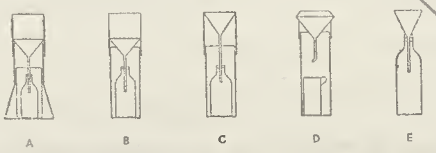
As Before

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1690 15,000 2/35 W. H. & S. 668/91.

LITTLE DON VALLEY.

3147

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Brock Holes.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel.......in.
- *Height of Top above Ground.......ft.......in.* As before.
- *Height of Ground above Sea Level.......ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.21				
FEB.	3.88				
MAR.	3.20				
APRIL	2.47				
MAY	1.65				
JUNE	4.53				
JULY	3.47				
AUG.	1.07				
SEPT.	4.34				
OCT.	3.61				
NOV.	6.53				
DEC.	4.17				
TOTAL	43.13				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......Distance.......Direction from gauge.......

Nearest Parish Church at.......Distance.......Direction from gauge.......

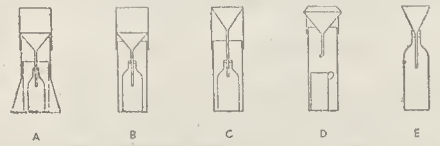
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.......Distance.......Direction.......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3147

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Little Don Val: (Brockholes)

In the County of Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 902 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.89				
FEB.	6·39				
MAR.	3·53				
APRIL	2.87				
MAY	3·64				
JUNE	1·33				
JULY	2·32				
AUG.	·68				
SEPT.	1·49				
OCT.	4·32				
NOV.	2·55				
DEC.	3-65				
TOTAL	38·66				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept., Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ………… Distance ………… Direction from gauge …………

Nearest Parish Church at ………… Distance ………… Direction from gauge …………

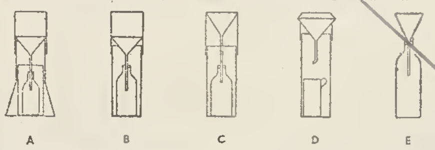
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move ………… Distance ………… Direction …………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3147

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Little Don Valley, Brockholes

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 902 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·03				
FEB.	1·54				
MAR.	·64				
APRIL	·31				
MAY	3·43				
JUNE	2·75				
JULY	3·91				
AUG.	2·71				
SEPT.	3·19				
OCT.	7·63				
NOV.	4·88				
DEC.	4·28				
TOTAL	40·30				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq. M. Inst. C.E. General Manager & Engineer,
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

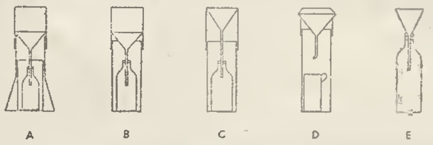
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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3147

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Little Don Valley, Brockholes

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 902 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·69				
FEB.	2·86 ✓				
MAR.	3·79 ✓				
APRIL	2·30 ✓				
MAY	2·28 ✓				
JUNE	2·83 ✓				
JULY	5·41 ✓				
AUG.	2·12 ✓				
SEPT.	2·26 ✓				
OCT.	4·23 ✓				
NOV.	6·90 ✓				
DEC.	3·60 ✓				
TOTAL	44·27				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

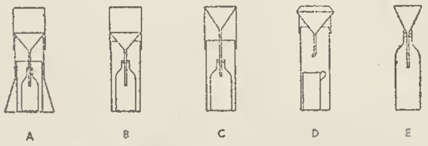
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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3147

Form 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Little Don Valley, Brackholes

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 902 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
Jan.	(3·50)				
Feb.	(2·98)				
Mar.	2·44				
April	3·96				
May	·96				
June	·75				
July	3·93				
Aug.	·73				
Sept.	3·01				
Oct.	5·90				
Nov.	7·90				
Dec.	3·99				
Total	40·05 ~~39·95~~				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

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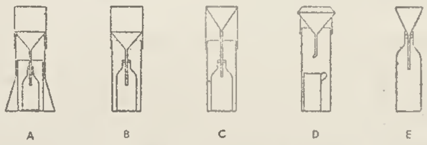
If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

Total corrected for Cirth

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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S.O. Code No. 40-9999

FORM 1090. **B** Mon
Sum

on Valley 3148

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3148

LITTLE DON VALLEY, SHEEPHOUSE

1931—40

780507

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other sid

d also the space for

ter should be sent:—

Manager & Engineer

RAINFALL IN 1931

At Sheephouse.

In the County of Yorkshire

n Summer 9 a.m.

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.* 9
Height of Ground above Sea Level 94

Direction from
gauge
Direction from
gauge

Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Inches.	Date.	Nu Da ·01 i or m*	
JAN.	3.25	✓			
FEB.	4.02	✓			
MAR.	·20	✓			
APRIL	4.97	✓			
MAY	3.28	✓			
JUNE	5.14	✓			
JULY	3.92	✓			
AUG.	5.41	✓			
SEPT.	5.16	✓			
OCT.	·93	✓			
NOV.	4.26	✓			
DEC.	1.38	✓			
Total	41·92	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

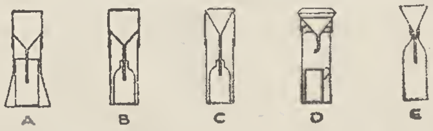
Directions from gauge ..

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c|}17\\18\end{array}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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on Valley 3148

FORM 1090.

B Mon Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Sheephouse.
In the County of Yorkshire.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 945 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·25	✓			
FEB.	4·02	✓			
MAR.	·20	✓			
APRIL	4·97	✓			
MAY	3·28	✓			
JUNE	5·14	✓			
JULY	3·92	✓			
AUG.	5·41	✓			
SEPT.	5·16	✓			
OCT.	·93	✓			
NOV.	4·26	✓			
DEC.	1·38	✓			
Total	41·92	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - M. Inst. C.E. - General Manager & Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....
Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

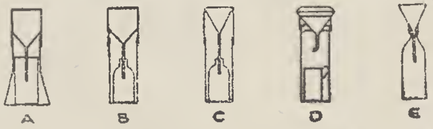
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Little Don Valley

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Sheephouse

In the County of Yorkshire

Rain Gauge
Diameter of Funnel ~~As~~ in.
Height of Top above Ground ~~Before~~ *in.*
Height of Ground above Sea Level *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·60				
FEB.	·47				
MAR.	2·07				
APRIL	3·72				
MAY	5·97				
JUNE	·62				
JULY	4·11				
AUG.	2·46				
SEPT.	1·70				
OCT.	4·50				
NOV.	2·98				
DEC.	1·32				
Total	33·52 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst C.E. Engineer & Manager
Water Dept – Town Hall – Sheffield

~~Hour of observation by the clock—in Winter in Summer~~
~~Nearest Railway Station Distance Direction from gauge~~
~~Nearest Parish Church at Distance Direction from gauge~~

~~Nature of objects nearest to gauge~~				
~~Heights of objects~~	As			
~~Distances~~ ..	Before			
~~Directions from gauge~~ ..				

~~If gauge has been moved during the year state—~~

~~Date of move Distance Direction~~

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~

~~**If you know of any record of rainfall not quoted in British Rainfall,** please give the observer's name and address:—~~

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This gauge was too heavily fenced. Remedied Dec: 1932.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Little Don Valley

3148

Fo 1090. **B** **Monthly Summary.**

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Sheep House

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·36				
FEB.	5·73				
MAR.	2·43				
APRIL	·99				
MAY	3·03				
JUNE	2·24				
JULY	2·11				
AUG.	·51				
SEPT.	2·44				
OCT.	4·80				
NOV.	2·22				
DEC.	·69				
Total	30·55 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales M.Inst.C.E. Engineer & Manager

Water Dept. Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

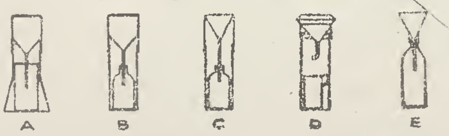
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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D

Little Don Valley

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Sheephouse

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.99				
FEB.	.25				
MAR.	3.12				
APRIL	3.26				
MAY	1.85				
JUNE	1.25				
JULY	1.52				
AUG.	1.19				
SEPT.	2.21				
OCT.	2.63				
NOV.	2.59				
DEC.	4.66				
Total	27.52 ✓				

Signature ....

*See Instruction 2 (*f*) below.

C Particulars of Station.

No 7

3148

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq. M Inst CE – Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

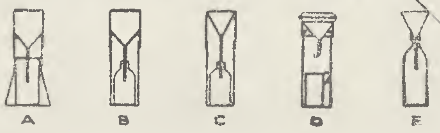
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Little Don Valley.

No 7. ~~[illegible]~~ 3148

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Sheephouse

In the County of Yorkshire

Rain Gauge
Diameter of Funnel ....in.
Height of Top above Ground 3 ft ....*in.*
Height of Ground above Sea Level..........*ft.*

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.34				
FEB.	5.10				
MAR.	1.42				
APRIL	3.02				
MAY	.42				
JUNE	2.77				
JULY	1.01				
AUG.	1.90				
SEPT.	5.08				
OCT.	7.23				
NOV.	6.91				
DEC.	3.34				
TOTAL	40.54 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall : Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m

Nearest Railway Station.................. Distance.............. Direction from gauge..........

Nearest Parish Church at.................. Distance.............. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

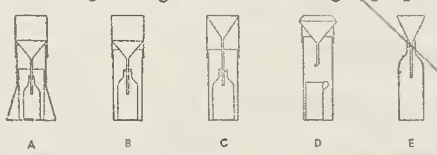
As Before

If gauge has been moved during the year state—

Date of move.................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LITTLE DON VALLEY.

3148

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Sheep House

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.* As before.
Height of Ground above Sea Level .... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.96				
FEB.	3.66				
MAR.	2.89				
APRIL	1.92				
MAY	1.39				
JUNE	5.29				
JULY	3.15				
AUG.	1.08				
SEPT.	3.70				
OCT.	3.33				
NOV.	5.44				
DEC.	3.54				
TOTAL	39.35 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

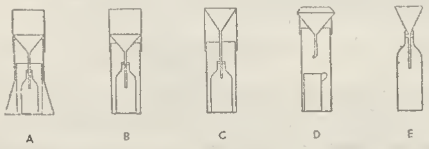
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3148

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1937.

At Little Don Val. (Sheep Ho.)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 6 *in.*
- *Height of Ground above Sea Level* 945 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·22				
FEB.	5·86				
MAR.	3·25				
APRIL	2·42				
MAY	3·34				
JUNE	1·06				
JULY	2·41				
AUG.	·57				
SEPT.	1·97				
OCT.	4·11				
NOV.	2·46				
DEC.	3·26				
TOTAL	35·93				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

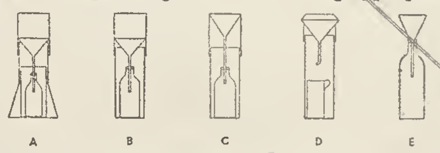
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3148

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Little Don Valley, Sheep House

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 6 *in.*
- *Height of Ground above Sea Level* 945 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.56				
FEB.	1.37				
MAR.	.37				
APRIL	.23				
MAY	3.09				
JUNE	2.40				
JULY	3.67				
AUG.	3.08				
SEPT.	2.81				
OCT.	6.50				
NOV.	3.98				
DEC.	3.46				
TOTAL	35.52				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

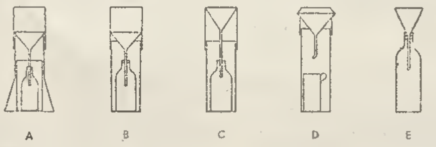
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(*h*) The heaviest daily fall for each month should be underlined.

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3148

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Little Don Valley, Sheep House

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 6 *in.*
- *Height of Ground above Sea Level* 945 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·32				
FEB.	2·15 ✓				
MAR.	3·20 ✓				
APRIL	2·04 ✓				
MAY	2·58 ✓				
JUNE	3·04 ✓				
JULY	5·79 ✓				
AUG.	2·12 ✓				
SEPT.	1·79 ✓				
OCT.	3·82 ✓				
NOV.	6·06 ✓				
DEC.	3·24 ✓				
TOTAL	41·18				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M. Inst. C.E. General Manager & Engineer,
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

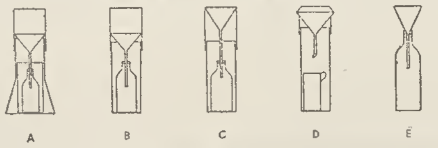
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

3148 ✓

FORM 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Little Don Valley, Sheep House

In the County of W. R. Yorks

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 6 *in.*

Height of Ground above Sea Level 945 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·30)				
FEB.	(2·67) ✓				
MAR.	2·31 ✓				
APRIL	2·91				
MAY	1·23 ✓				
JUNE	·66 ✓				
JULY	(3·07) ✓				
AUG.	·51 ✓				
SEPT.	2·80 ✓				
OCT.	5·26				
NOV.	7·90				
DEC.	2·98				
TOTAL	(35·60) ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M. Inst. C.E. General Manager & Engineer

Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

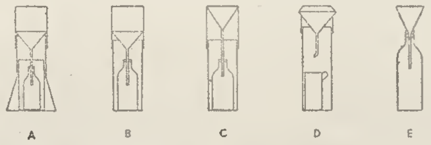
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

REGIST

Kept at Bridge Lane

in the County of Yorksh

Diameter of Funnel of ~~Gauge~~ AS B

Height of top of Gauge above ~~Groun~~

,, Ground ,, Sea L

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

on Valley

PY FOR OFFICIAL USE.

ORGANIZATION 3149

lowing

Jan. 1, following

3149

LITTLE DON VALLEY

BRIDGELANE

1931

780507

Date	Jan.	Feb.	March								Nov.	Dec.	*Date*
	in.	in.	in.								in.	in.	
1	.02	-	.02	.04	-	.22	-	.03	.10	.01	-	-	1
2	-	.05	-	.51	.01	.31	-	-	.25	.06	.04	.03	2
3	-	-	-	.15	-	.08	.08	-	1.02	-	.76	.48	3
4	-	.09	-	.53	-	-	.25	.04	2.87	.01	.19	.33	4
5	-	.03	-	-	.12	.84	.04	1.06	.07	-	-	.55	5
6	-	.10	.01	-	-	.29	.49	-	.05	.27	.11	.01	6
7	.01	.01	-	-	-	.38	.06	.67	-	.33	.21	.04	7
8	.01	.33	.04	.01	.05	-	.08	.85	-	.08	.17	-	8
9	.01	.81	.05	.18	.04	.16	-	.15	.06	.02	.40	-	9
10	.03	.44	.04	-	.04	.13	-	.17	.04	-	.30	-	10
11	.19	.96	-	-	.02	.02	.03	-	.08	-	.06	-	11
12	.07	.18	-	.01	-	-	1.21	.01	.15	.11	.21	-	12
13	-	-	.06	-	.04	.02	.02	.06	.01	-	-	-	13
14	.04	.02	-	.01	.06	.76	.16	1.15	-	-	.48	.01	14
15	.19	.41	-	.04	.10	-	.23	.03	.02	-	.03	.09	15
16	1.19	.12	-	.61	.16	.53	.07	.66	.07	.01	-	-	16
17	.07	.18	-	.44	.11	.13	.38	.85	.02	.01	.01	-	17
18	.11	.02	.01	.70	-	.44	.18	.04	-	.01	.82	-	18
19	.04	.15	-	.13	-	.16	.13	.07	.16	.06	-	-	19
20	.02	.17	.01	.16	-	-	-	.66	-	.01	.06	.02	20
21	.39	.11	.01	-	.33	.01	-	.10	-	-	.03	-	21
22	.08	.10	-	-	.30	.04	.02	-	.01	-	.01	-	22
23	.80	-	-	.41	.20	.21	.17	-	.02	-	.39	.05	23
24	.22	.13	-	.36	.52	.02	.06	-	.01	-	-	.10	24
25	.29	.66	-	.56	.03	-	.13	-	-	-	.03	.05	25
26	.10	.14	-	.44	-	-	.01	-	-	-	.30	.02	26
27	.57	.09	-	.02	.08	-	.26	-	-	.18	.91	.30	27
28	.31	.35	.01	.11	.35	.02	.04	-	.01	.01	-	.09	28
29	.33		-	-	.37	-	.12	-	-	.50	.01	.01	29
30	.03	X	-	.02	.17	-	-	-	.01	-	-	-	30
31	.17	X	-	X	.01	X	.01	-	X	.03	X	.03	31
TOTAL	5.29	5.65	.26	5.44	3.11	4.77	4.23	6.60	5.03	1.71	5.53	2.21	YEAR'S TOTAL 49.83
*Days with .01 in. or more.	25	24	10	21	21	20	24	17	20	17	22	17	238
*Days with .04 in. or more.	18	20	4	16	17	15	19	14	12	8	16	10	169

40-9999

(Signed) John K Sewaley

P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of [redacted]on Valley PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION 3149

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Bridge Lane
in the County of Yorkshire
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.
As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	–	·02	·04	–	·22	–	·03	·10	·01	–	–	1
2	–	·05	–	·51	·01	·31	–	–	·25	·06	·04	·03	2
3	–	–	–	·15	–	·08	·08	–	1·02	–	·76	·48	3
4	–	·09	–	·53	–	–	·25	·04	2·87	·01	·19	·33	4
5	–	·03	–	–	·12	·84	·04	1·06	·07	–	–	·55	5
6	–	·10	·01	–	–	·29	·49	–	·05	·27	·11	·01	6
7	·01	·01	–	–	–	·38	·06	·67	–	·33	·21	·04	7
8	·01	·33	·04	·01	·05	–	·08	·85	–	·08	·17	–	8
9	·01	·81	·05	·18	·04	·16	–	·15	·06	·02	·40	–	9
10	·03	·44	·04	–	·04	·13	–	·17	·04	–	·30	–	10
11	·19	·96	–	–	·02	·02	·03	–	·08	–	·06	–	11
12	·07	·18	–	·01	–	–	1·21	·01	·15	·11	·21	–	12
13	–	–	·06	–	·04	·02	·02	·06	·01	–	–	–	13
14	·04	·02	–	·01	·06	·76	·16	1·15	–	–	·48	·01	14
15	·19	·41	–	·04	·10	–	·23	·03	·02	–	·03	·09	15
16	1·19	·12	–	·61	·16	·53	·07	·66	·07	·01	–	–	16
17	·07	·18	–	·44	·11	·13	·38	·85	·02	·01	·01	–	17
18	·11	·02	·01	·70	–	·44	·18	·04	–	·01	·82	–	18
19	·04	·15	–	·13	–	·16	·13	·07	·16	·06	–	–	19
20	·02	·17	·01	·16	–	–	–	·66	–	·01	·06	·02	20
21	·39	·11	·01	–	·33	·01	–	·10	–	–	·03	–	21
22	·08	·10	–	–	·30	·04	·02	–	·01	–	·01	–	22
23	·80	–	–	·41	·20	·21	·17	–	·02	–	·39	·05	23
24	·22	·13	–	·36	·52	·02	·06	–	·01	–	–	·10	24
25	·29	·66	–	·56	·03	–	·13	–	–	–	·03	·05	25
26	·10	·14	–	·44	–	–	·01	–	–	–	·30	·02	26
27	·57	·09	–	·02	·08	–	·26	–	–	·18	·91	·30	27
28	·31	·35	·01	·11	·35	·02	·04	–	·01	·01	–	·09	28
29	·33		–	–	·37	–	·12	–	–	·50	·01	·01	29
30	·03	✕	–	·02	·17	–	–	–	·01	–	–	–	30
31	·17	✕	–	✕	·01	✕	·01	–	✕	·03	✕	·03	31
TOTAL	5·29	5·65	·26	5·44	3·11	4·77	4·23	6·60	5·03	1·71	5·53	2·21	YEAR'S TOTAL 49·83
*Days with ·01 in. or more:	25	24	10	21	21	20	24	17	20	17	22	17	238
*Days with ·04 in. or more.	18	20	4	16	17	15	19	14	12	8	16	10	169

40-9999

(Signed) .... P.T.O.

*See Instruction 2 (*f*) on other side.

3150

FORM 1090. **B** M
S

3150
MIDHOPE RES.
1931 — 33

780507

*** **The following register of mon
&c., is NOT required if daily
values are given on the other**

and also the space for

egister should be sent:—

RAINFALL IN 193

At MIDHOPE RESERVOI

In the County of York (W.

Rain Gauge
Diameter of Funnel
Height of Top above Ground ft
Height of Ground above Sea Level

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	3·59	1·02	16	21	16
FEB.	3·94	0·65	11	25	21
MAR.	0·30	snow 0·06	8 & 10	10	5
APRIL	4·26	0·53	18	19	15
MAY	2·81	0·50	24	21	14
JUNE	4·23	0·70	5	17	15
JULY	3·75	0·95	12	23	18
AUG.	4·74	0·90	5	16	14
SEPT.	3·59	1·95	4	18	12
OCT.	1·22	0·30	7	14	8
NOV.	4·65	1·00	3	22	17
DEC.	1·72	0·47	3	14	8
Total	38·80			220	163

Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Observer says yearly total has dropped in last few years as compared with other gauges. Contour of ground has been altered by quarrying & a bluff on one side has been removed.

Signature M.Inst.C.E.,
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
15 JAN 1932

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3150

FORM 1090. **B** M
Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At MIDHOPE RESERVOIR
In the County of York (W.R.)

Rain Gauge
Diameter of Funnel.................in.
Height of Top above Ground.........*ft*.........*in*.
Height of Ground above Sea Level.........*ft*.

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·59	1·02	16	21	16
FEB.	3·94	0·65	11	25	21
MAR.	0·30	snow 0·06	8 & 10	10	5
APRIL	4·26	0·53	18	19	15
MAY	2·81	0·50	24	21	14
JUNE	4·23	0·70	5	17	15
JULY	3·75	0·95	12	23	18
AUG.	4·74	0·90	5	16	14
SEPT.	3·59	1·95	4	18	12
OCT.	1·22	0·30	7	14	8
NOV.	4·65	1·00	3	22	17
DEC.	1·72	0·47	3	14	8
Total	38·80			220	163

Signature M.Inst.C.E.,
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

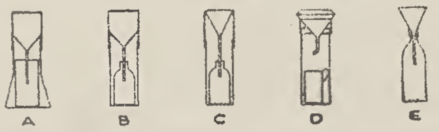
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Observer says yearly total has dropped in last few years as compared with other gauges. Contour of ground has been altered by quarrying & a bluff on one side has been removed.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}·14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
15 JAN 1932

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FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3150

. **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932.

At Midhope Reservoir.

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

[illegible]

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·03	1·05	6	15	11
FEB.	0·52	snow 0·15	9	14	4
MAR.	2·66	0·85	7	11	10
APRIL	5·03	1·25	6	26	22
MAY	6·34	1·95	21	25	16
JUNE	0·55	0·36	30	7	2
JULY	3·80	0·90	11	19	13
AUG.	1·78	0·80	21	10	5
SEPT.	2·01	0·40	2	18	12
OCT.	5·14	0·80	17	21	20
NOV.	3·31	1·00	22	23	17
DEC.	1·37	0·20	2 & 3	18	11
Total	36·54			207	143

Signature .... M. Inst. C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

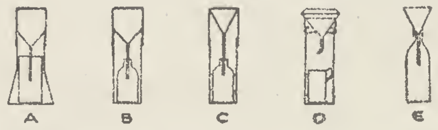
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print [illegible]

Footnote gauge over exposed.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3150

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933.

At Midhope Reservoir (Old gauge)

In the County of York (W.R.)

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·48	1·10	15	15	12
FEB.	5·21	Snow 1·20	25	15	14
MAR.	2·17	Part snow 0·70	17	16	8
APRIL	0·99	0·21	26	11	7
MAY	2·21	0·50	6	15	10
JUNE	2·21	0·60	17	11	11
JULY	1·93	0·54	8	14	10
AUG.	0·60	0·20	17	7	5
SEPT.	1·97	1·31	24	8	7
OCT.	4·03	0·80	7	20	12
NOV.	1·73	0·74	15	16	9
DEC.	0·50	0·15	30	9	5
Total	27·03			157	110

Signature .... M.Inst.C.E.,
Waterworks Engineer and Manager.
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

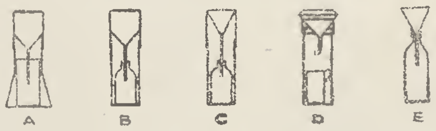
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

nr low # Terminated at end of 1933.

D **INSTRUCTIONS.**

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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X LANSSETT MOOR (MIDHOPE)

3150/1

3150/1

MIDHOPE RES

LANSETT MOOR

1932 - 1940

780601

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932.

NEW GAUGE.

At Midhope Reservoir.

In the County of York (W.R.).

Rain Gauge
Diameter of Funnel 5 in
Height of Top above Ground 1 *ft.* 0 *in.* approx.
Height of Ground above Sea Level 833 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	(4·50)	–	–	–	–
FEB.	(·75)	–	–	–	–
MAR.	3·57	1·30	7	11	10
APRIL	5·66	1·31	6	26	22
MAY	6·97	2·05	21	25	18
JUNE	0·67	0·46	30	7	2
JULY	4·25	0·95	11	19	14
AUG.	2·52	1·34	21	10	5
SEPT.	2·94	0·60	2	18	12
OCT.	7·17	1·03	29	21	20
NOV.	4·40	1·33	22	23	17
DEC.	1·87	0·35	2	18	11
Total	~~40·02~~ (45·27)			~~178~~	~~131~~

(~~10 months only~~)

bought new 3 Feb 1932.

Part B

Signature M.Inst.C.E.,

Jan + Feb. estimated by near stations.

Est Jan & Feb.

X J.R.FOX, ESQ, C.E. X

~~Waterworks Engineer and Manager~~,

Barnsley Corporation.

*See Instruction 2 (*f*) below.

so the space for

hould be sent:—

WR/7

mmer

Direction from ~~ds~~ gauge 36° W. of N.

Direction from ~~ds~~ gauge 37° E. of N.

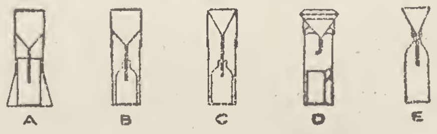
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

X LANGSETT MOOR (MIDHOPE)

3150/1

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932.

NEW GAUGE.

At Midhope Reservoir.

In the County of York (W.R.).

Rain Gauge:
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 823 *ft.* (approx.)

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	(4·50)	–	–	–	–
FEB.	(·75)	–	–	–	–
MAR.	3·57	1·30	7	11	10
APRIL	5·66	1.31	6	26	22
MAY	6·97	2·05	21	25	18
JUNE	0·67	0·46	30	7	2
JULY	4·25	0·95	11	19	14
AUG.	2·52	1·34	21	10	5
SEPT.	2·94	0·60	2	18	12
OCT.	7·17	1·03	29	21	20
NOV.	4·40	1·33	22	23	17
DEC.	1·87	0·35	2	18	11
Total	~~40·02~~ (45·27)			178	~~131~~

~~(10 months only)~~ bought new 9 Feb 1932.

Part V)

Signature H. Fox M.Inst.C.E., Jan & Feb. estimated by near stations. Est Jan & Feb.

X J.R. FOX, ESQ, C.E. X
~~Waterworks Engineer and Manager~~,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— 7

WR/7

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Hazlehead. Distance 4,670 yds Direction from gauge 36° W. of N.

Nearest Parish Church at Penistone. Distance 5,170 yds Direction from gauge 37° E. of N.

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110

N

3150/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Midhope Reservoir (New gauge)
In the County of York (W.R.)

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·32	Snow 1·35	15	15	13
FEB.	6·03	Snow 1·20	25	15	14
MAR.	2·80	Part snow 0·90	17	16	10
APRIL	1·43	0·32	29	11	7
MAY	2·32	0·50	6	15	10
JUNE	2·53	0·70	17	11	11
JULY	2·75	0·57	8	14	10
AUG.	0·78	0·27	17	7	5
SEPT.	2·21	1·35	24	8	7
OCT.	5·58	1·06	7	20	13
NOV.	2·47	1·12	15	16	11
DEC.	0·59	0·23	30	9	5
Total	33·81			157	116

Signature .... M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Midhope Reservoir (New gauge)

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... ft. .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·48	0·97	15	17	13
FEB.	0·27	Snow 0·13	27	4	3
MAR.	4·68	Snow 0·64	10	22	18
APRIL	3·36	0·97	27	18	15
MAY	2·17	0·55	6	16	11
JUNE	1·41	0·51	21	14	9
JULY	2·18	0·40	17	12	9
AUG.	2·22	0·42	2	18	12
SEPT.	2·80	0·55	22	15	12
OCT.	4·55	0·88	4	23	21
NOV.	2·99	1·01	9	14	11
DEC.	5·84	0·93	4	28	22
Total	36·95			201	156

Signature .... M.Inst.C.E.,
Waterworks Engineer and Manager.
Barnsley Corporation.
January 21st 1935.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— ....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

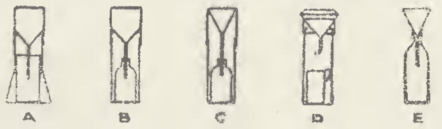
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3150/1

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At ......Midhope Reservoir..............

In the County of York. (W.R.).......

Rain Gauge
- Diameter of Funnel.....................in.
- *Height of Top above Ground.......ft............in.*
- *Height of Ground above Sea Level.................ft.*

As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·94	part 1·11	snow. 11	18	10
FEB.	7·67	1·86	15	20	17
MAR.	2·03	1·17	23	13	8
APRIL	3·38	0·47	10	19	17
MAY	0·58	part 0·24	snow. 13	7	4
JUNE	3·42	0·38	8	22	18
JULY	1·58	0·38	18	12	9
AUG.	2·23	0·86	26	10	6
SEPT.	6·18	0·94	24	20	18
OCT.	10·60	1·45	9	25	19
NOV.	8·44	1·38	20	24	23
DEC.	4·29	part 0·62	snow. 1	19	19
TOTAL	53·34			209	168

Signature ....M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1936.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......................in Summer..................

Nearest Railway Station.............................. Distance.................Direction from gauge.............

Nearest Parish Church at.............................. Distance.................Direction from gauge.............

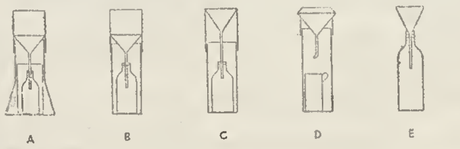
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move...................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\left|\right\}\cdot 14\left|\right.$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3150/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At ......Midhope Reservoir......

In the County of ......York (W.R.).......

Rain Gauge
- Diameter of Funnel........................in.
- *Height of Top above Ground..........ft............in.*
- *Height of Ground above Sea Level..................ft.*

As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·55	0·55 Snow.	19	22	21
FEB.	4·26	0·85 Snow.	28	16	15
MAR.	3·71	0·73	26	22	15
APRIL	2·04	0·73	1	14	12
MAY	1·72	0·55	30	13	9
JUNE	4·66	1·09	22	18	13
JULY	3·95	0·85	10	21	15
AUG.	1·39	0·36	19	9	8
SEPT.	4·91	1·32	7	19	13
OCT.	4·89	0·81	26	22	13
NOV.	7·13	1·74	9	19	15
DEC.	5·00	1·03	13	19	16
TOTAL	48·21 ✓			214 ✓	165 ✓

Signature ....Assoc.M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

January 22nd 1937.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer......................

Nearest Railway Station.............................. Distance.................. Direction from gauge..............

Nearest Parish Church at.............................. Distance.................. Direction from gauge..............

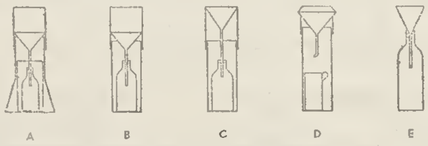
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

M.O. 7
23 JAN. 1937

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Secti **A** for the entry of Daily Observations

Station No. 3150/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1937

Kept at Langsett Moor, Midhope

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·16	·31	Snow ·11	–	–	–	·03	–	·22	–	·05	·47		1
2	·51	·36	P.Snow ·07	·25	–	–	–	–	–	–	–	1·22		2
3	·01	·14	·02	·11	·03	·07	–	–	–	–	–	·08		3
4	·49	·02	P.Snow ·07	·13	·07	–	–	–	–	–	–	Snow ·32		4
5	1·52	–	Snow ·21	·01	·01	–	–	–	–	–	–	Snow ·03		5
6	·32	–	Snow ·10	·03	·07	–	·18	·07	·01	–	·10	Snow ·22		6
7	·14	P.Snow ·71	–	·42	·12	·08	–	–	·10	–	·11	Snow ·03		7
8	–	P.Snow ·53	Snow ·03	·09	–	–	·03	–	–	–	·15	Snow ·11		8
9	–	P.Snow ·44	Snow ·01	·04	·42	–	·45	·02	–	–	–	Snow ·05		9
10	·02	P.Snow ·32	Snow ·03	–	·02	·03	–	·02	–	–	·03	Snow ·34		10
11	–	–	Snow 1·10	–	·81	–	–	–	–	–	–	Snow ·04		11
12	·22	Snow ·30	·20	–	·43	·20	–	·02	·30	–	–	Snow ·19		12
13	·–	·01	–	·02	·08	·28	–	·07	·06	–	–	Snow ·22		13
14	–	·03	Snow ·16	–	–	–	–	·13	·11	–	–	Snow ·22		14
15	·27	·43	–	·25	–	–	1·17	–	·10	–	–	Snow ·05		15
16	·06	·75	P.Snow ·47	·55	·01	·03	–	·18	·16	–	–	Snow ·02		16
17	·28	·02	·36	·34	–	·08	–	–	·69	–	–	–		17
18	Snow 1·12	·18	·23	·03	–	·01	–	·12	–	–	·49	–		18
19	Snow ·02	·17	·05	·07	–	·12	·09	·02	–	–	P.Snow ·71	–		19
20	·27	P.Snow ·21	·05	·21	·74	·34	–	–	–	–	·01	–		20
21	·15	·09	Snow ·04	·02	–	–	·26	–	–	–	–	·01		21
22	·03	–	Snow ·05	·05	·04	–	·19	–	–	·30	·31	·03		22
23	·34	–	·01	–	·04	–	·16	–	–	1·46	·57	–		23
24	·38	P.Snow ·39	·16	–	·14	–	·06	–	·01	·43	–	·02		24
25	P.Snow ·11	·67	Snow ·17	–	–	–	–	–	·02	·44	–	·02		25
26	–	·41	Snow ·05	–	·39	–	–	·08	–	–	–	·07		26
27	·01	Snow ·42	–	·23	–	–	–	–	–	·93	·03	·07		27
28	–	Snow ·37	Snow ·03	–	–	·05	–	–	–	·07	–	·01		28
29	Snow ·07		–	–	–	–	–	·–	–	·09	·01	·04		29
30	Snow ·44	✕	–	–	–	·10	–	·11	–	·02	·11	·09		30
31	·43	✕	–	✕	–	✕	–	–	✕	·21	✕	·02		31
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Year's Total	
Total	7·37	7·28	3·78	2·85	3·42	1·39	2·62	0·84	1·78	3·95	2·68	3·99	41·95 ✓	
* Days with .01 in. or more.	24	23	24	18	16	12	10	11	11	9	13	26	197 ✓	
* Days with .04 in. or more.	19	19	18	13	12	9	8	7	8	8	9	17	147 ✓	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

✓

(*Signed*) .... [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3150/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Langsett Moor, Midhope
in the County of W. R. Yorks
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft..........in.
,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	·11	-	-	·02	·97	1·52	·01	-	·04	·34	P.Snow ·41		1
2	·04	·15	-	·38	·10	·32	-	-	-	·63	·08	·10		2
3	·05	-	-	-	-	-	·04	-	·11	2·38	·18	·03		3
4	·06	-	-	·01	-	·05	·20	·03	-	·55	·37	·54		4
5	·-	-	-	·01	-	·03	·03	·15	·02	1·17	·02	·06		5
6	·31	·03	-	-	-	·02	·36	·13	·09	·31	-	·03		6
7	·30	·01	-	-	-	-	·25	·05	·47	·17	-	·03		7
8	P.Snow ·50	-	-	-	-	-	·57	·01	-	·79	-	·11		8
9	P.Snow ·10	·51	·11	-	-	·17	·11	·07	-	·05	-	·43		9
10	Snow ·02	·08	-	-	-	·05	·36	·-	-	·34	·01	·10		10
11	·31	·03	-	-	-	-	·16	·01	-	·13	·09	·08		11
12	·28	-	-	-	·13	-	-	·20	-	1·09	·22	9		12
13	·06	Snow ·04	-	-	-	-	-	-	·10	·23	·21	·27		13
14	·63	Snow ·01	-	-	·01	-	·21	-	·31	·02	-	·01		14
15	1·39	-	-	-	-	-	·31	·07	-	·08	-	·53		15
16	·55	-	·06	-	·01	-	·28	·21	-	·07	·14	·17		16
17	-	Snow ·01	-	-	·21	-	·12	·09	·01	·16	-	P.Snow ·03		17
18	·08	·01	-	-	·19	-	-	·19	·07	·49	·52	-		18
19	-	-	-	-	-	-	-	·32	·03	-	-	Snow ·12		19
20	·09	-	-	-	-	-	-	-	·03	-	·34	Snow ·11		20
21	-	-	-	-	-	·01	-	-	·04	-	·03	Snow ·19		21
22	-	·02	-	·01	-	·24	-	-	-	-	·42	P.Snow ·16		22
23	-	-	-	-	·17	·07	-	-	·33	-	·95	-		23
24	·05	-	·22	-	·02	·05	·06	·25	·13	-	·46	Snow ·02		24
25	·39	·26	P.Snow ·07	-	-	-	·01	·01	-	·35	·95	·06		25
26	·14	·56	·04	-	-	·03	-	-	·23	·28	·07	·01		26
27	·25	·24	·01	-	·24	·51	·19	·49	·08	-	·54	-		27
28	·82	·17	·05	-	·68	·58	·11	·51	·14	-	-	·08		28
29	P.Snow ·11		·32	·02	1·18	·10	·07	-	·03	·04	·19	·13		29
30	P.Snow ·27	X	-	-	·12	·13	-	-	·73	-	·17	P.Snow ·10		30
31	·42	X		X	·51	X	-	-	X	·63	X	P.Snow ·96		31
TOTAL	7·22	2·24	0·88	0·42	3·59	3·33	4·96	2·80	2·95	10·00	6·30	4·87	Year's Total 49·56 ✓	
* Days with .01 in. or more.	24	16	8	4	14	16	19	18	18	22	21	27	207 ✓	
* Days with .04 in. or more.	23	9	7	1	10	12	17	13	13	21	18	20	164 ✓	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Gordon Lees [P.T.O.
Assoc.M.Inst.C.E.,
Waterworks Engineer and Manager
Barnsley Corporation.

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Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

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VALUES FORWARDED MONTHLY

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Jan. 1, following

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·09	–	·29	·07	–	–	·19	·21	·04	·08	–	·48		1
2	P.Snow ·12	–	·01	·17	–	–	·17	·14	1·02	·08	·09	·11		2
3	Snow ·16	–	–	·19	–	–	–	·45	·13	–	·25	P.Snow ·93		3
4	Snow ·25	–	·27	·63	–	–	·14	·15	–	·12	·11	P.Snow 1·56		4
5	–	–	–	·01	·19	–	·11	·06	–	·46	·37	P.Snow ·20		5
6	P.Snow ·39	·02	·10	–	–	–	·67	–	–	·04	·23	–		6
7	·14	·23	·44	–	·02	–	·04	–	–	–	·36	·13		7
8	·40	·22	·47	–	–	–	·70	·01	–	·03	·21	·33		8
9	·11	·47	–	–	–	–	·04	·34	–	·78	·12	·42		9
10	Snow ·47	–	·03	–	–	·06	–	·16	·21	·03	–	–		10
11	P.Snow ·23	·15	·15	–	·01	·47	–	·02	·02	–	–	·04		11
12	P.Snow ·29	·38	–	–	·02	·10	–	–	–	–	·02	·01		12
13	P.Snow ·06	–	·02	·07	·08	·11	–	–	–	·09	·03	–		13
14	·68	–	·03	·06	·48	·16	·29	–	–	·37	·20	–		14
15	·28	·03	·01	·29	·28	·62	·10	–	·02	–	·08	–		15
16	·07	·01	·17	–	1·33	–	·14	–	–	–	·09	–		16
17	·79	·22	–	·45	·24	–	–	–	–	·80	·02	–		17
18	·39	·14	·02	–	·01	·22	·17	–	·05	·01	1·09	–		18
19	·33	–	–	–	–	·18	1·06	·02	·19	·02	–	·01		19
20	·01	–	–	–	–	·28	·16	·28	·27	–	–	·01		20
21	·10	·22	·49	·16	–	·23	·05	·01	·28	–	–	–		21
22	·29	P.Snow ·64	P.Snow ·23	–	–	–	·04	–	·08	·01	·47	–		22
23	·08	P.Snow ·43	·01	·22	–	·07	·13	–	–	·37	·27	·01		23
24	Snow ·01	·05	Snow ·04	·11	–	·05	·01	·03	–	·01	–	–		24
25	Snow ·52	·26	–	·02	–	·03	–	·31	–	–	1·95	·02		25
26	Snow ·12	P.Snow ·18	Snow ·01	–	–	–	–	–	–	P.Snow ·11	·63	·09		26
27	Snow ·05	·40	P.Snow ·71	–	–	·11	·03	–	–	P.Snow ·15	·61	Snow ·02		27
28	Snow ·01	P.Snow ·13	·51	·09	–	·26	·32	·07	–	–	·40	–		28
29	–		·03	·06	–	·01	1·62	–	–	·25	·56	–		29
30	–	✕	–	–	–	·10	·03	–	–	–	·22	–		30
31	–	✕	·01	✕	–	✕	·26	–	✕	·17	✕	–		31
TOTAL	6·44	4·18	4·05	2·60	2·66	3·06	6·47	2·26	2·31	3.98	8·38	4·37	Year's Total 50·76	
* Days with .01 in. or more.	27	18	22	15	10	17	23	15	11	20	23	16	217	
* Days with .04 in. or more.	24	15	12	13	6	15	20	10	9	14	20	10	168	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ~~Assoc~~.M.Inst.C.E.
Waterworks Engineer & Manager. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3150/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 193~~1~~0

Kept at Langsett Moor, Midhope

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

Jan. 25-31 corr'd for snow

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	Snow ·13	-	·14	-	-	-	-	-	-	·41	·10		1
2	-	Snow ·01	-	·29	-	-	·06	-	-	-	·70	·12		2
3	Snow ·08	Snow ·32	-	·07	-	-	·03	-	-	·18	·06	·02		3
4	-	P.Snow ·14	-	·17	-	-	·02	-	-	·29	·32	·22		4
5	-	·01	-	-	·09	-	·01	-	-	·54	·22	·84		5
6	·04	·27	-	-	-	-	-	-	-	1·19	·15	P.Snow ·26		6
7	·03	·19	-	·17	·25	-	-	·03	·22	·03	-	-		7
8	·01	·01	-	·11	-	-	-	·02	-	·22	-	·23		8
9	-	-	·17	·01	-	-	·14	·09	·07	·47	1·06	·25		9
10	-	-	-	-	-	·01	·52	·31	·02	·02	·86	P.Snow ·79		10
11	-	Snow ·09	·05	·03	-	-	·18	-	-	-	1·86	P.Snow ·09		11
12	-	Snow ·02	·56	-	-	-	·05	-	·32	-	1·06	-		12
13	-	Snow ·07	P.Snow ·39	-	-	-	-	·02	·43	-	·09	-		13
14	-	Snow ·01	P.Snow ·06	P.Snow ·58	·09	-	·59	·02	·05	·04	·02	·50		14
15	-	-	P.Snow ·16	Snow ·09	·04	-	-	-	-	·04	·21	·07		15
16	Snow ·11	Snow ·18	·13	Snow ·06	-	-	·51	-	·87	·74	·67	·08		16
17	-	Snow ·02	·42	P.Snow ·03	-	-	·68	-	·36	·02	·41	-		17
18	Snow ·08	P.Snow ·14	·16	P.Snow 1·09	-	-	·12	·05	·17	-	·09	·21		18
19	-	P.Snow ·17	·41	P.Snow ·19	-	-	·31	·03	·51	·09	·29	·03		19
20	-	·06	·13	·45	-	·04	·18	·32	·02	·11	·17	-		20
21	Snow ·06	-	·17	·02	-	·25	·02	·04	-	·08	1·31	-		21
22	-	·03	-	-	·15	·24	-	·02	·13	·04	-	Snow ·04		22
23	-	·19	·11	·04	·05	·10	·01	-	·03	·12	·20	·04		23
24	P.Snow ·59	-	-	·04	-	-	·04	-	-	·08	-	·16		24
25	P.Snow ~~·10~~	-	-	·01	-	·04	-	-	-	·05	-	-		25
26		·06	-	·02	·02	·03	·24	·01	·02	·06	·05	-		26
27	(2.70)	·12	-	-	-	-	·24	·04	·07	-	·09	-		27
28		P.Snow ·73	~~·26~~	·02	·11	-	-	·04	-	-	-	-		28
29		P.Snow ·03	P.Snow ·26	·09	·12	·13	-	-	·02	-	-	·11		29
30	Snow ~~·35~~		-	·65	-	-	-	-	-	·42	-	·41		30
31	Snow ~~·15~~		·34		-		-	-		1·02		Snow ·48		31
TOTAL	3.70	3·00	3.52	4·37	0·92	0·84	3·95	1·04	3·31	5·85	10·30	5.05	Year's Total 45·85	✓
* Days with .01 in. or more.	15	23	15	23	9	8	19	14	16	22	22	21	207	
* Days with .04 in. or more.	12	15	15	16	8	6	14	7	11	19	21	19	163	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

Moor 3151

Section **A** for the entry
AIR MINIST

OR OFFICIAL USE.
NIZATION.

FORM 1090.

REGIS

Kept at Upper Midh
in the County of Yorksh

Diameter of Funnel of Gauge
Height of top of Gauge above Grou
,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t
year in the space on the right of t

Jan. 1, following

—

3151 — 081895

LANGSETT MOOR - UPPER MIDHOPE

1931 - 1940

480601

Date	Jan.	Feb.	March									Dec.	Date
	in.	in.	in.									in.	
1	·02	-	-									-	1
2	-	·06	-									·04	2
3	-	-	-								·81	·33	3
4	-	·10	-	·43	-	-	·25	·05	3·02	·01	·12	·22	4
5	-	·03	-	-	·12	·98	·03	1·05	·06	-	-	·47	5
6	-	·18	-	-	-	·28	·36	-	·05	·27	·12	-	6
7	-	-	-	-	-	·44	·05	·62	-	·33	·24	·03	7
8	·01	·20	·02	·01	·06	-	·06	·88	-	·07	·20	-	8
9	·01	·09	·01	·19	·04	·18	-	·12	·04	·02	·42	-	9
10	·03	·31	-	-	·04	·12	-	·18	·04	-	·31	-	10
11	·10	·06	-	-	·02	·01	·03	-	·06	-	·05	-	11
12	·06	·06	-	·01	-	-	1·21	·01	·17	·11	·17	-	12
13	-	-	·06	-	·05	·02	·01	·09	·01	-	-	-	13
14	·03	·01	-	·01	·04	·61	·17	1·28	-	-	·51	·01	14
15	·16	·25	-	·03	·10	-	·21	·09	·03	-	·03	·08	15
16	·98	·05	-	·47	·11	·53	·07	·60	·06	·01	-	-	16
17	·03	·10	-	·32	·15	·12	·26	·76	·02	·01	·01	-	17
18	·10	·01	-	·65	-	·42	·17	·07	-	·01	·92	-	18
19	·04	·11	-	·13	-	·14	·12	·18	·11	·04	-	-	19
20	·02	·14	·01	·17	-	-	-	·65	-	·01	·04	·02	20
21	·40	·04	·01	-	·37	-	-	·11	-	-	·03	-	21
22	·08	·07	-	-	·31	·03	·02	-	·01	-	·01	-	22
23	·57	-	-	·39	·24	·21	·15	-	·02	-	·41	·04	23
24	·14	·04	-	·42	·51	·01	·06	-	·01	-	-	·04	24
25	·22	·73	-	·59	·02	-	·10	-	-	-	·04	·03	25
26	·06	·12	-	·37	-	-	·01	-	-	-	·33	·01	26
27	·48	·12	-	·01	·07	-	·28	-	-	·16	·93	·18	27
28	·32	·33	·01	·10	·41	·01	·04	-	·01	·01	-	·06	28
29	·33		-	-	·37	-	·12	-	-	·41	·01	·01	29
30	·02	✕	-	·02	·09	-	-	-	·01	-	-	-	30
31	·10	✕	-	✕	·01	✕	·01	-	✕	·01	✕	·05	31
TOTAL	4·31	4·41	·12	5·03	3·14	4·68	3·88	6·76	5·04	1·56	5·72	1·62	YEAR'S TOTAL 46·27
*Days with ·01 in. or more.	24	23	6	21	21	19	24	17	20	17	22	16	230
*Days with ·04 in. or more.	16	20	1	15	17	14	18	15	12	8	16	10	162

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*See Instruction 2 (*f*) on other side.

(Signed) [P.T.O.

Mo52 3151

Section **A** for the entry [redacted] R OFFICIAL USE.

AIR MINISTRY. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Upper Midhope

in the County of Yorkshire

Diameter of Funnel of Gauge ~~As~~ 8 in.
Height of top of Gauge above Ground ~~Before~~ 1 ft 0 in.
,, Ground ,, Sea Level 925 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	-	-	·04	-	·20	-	·02	·12	·02	-	-	1
2	-	·06	-	·53	·01	·29	-	-	·24	·06	·01	·04	2
3	-	-	-	·14	-	·08	·09	-	·95	-	·81	·33	3
4	-	·10	-	·43	-	-	·25	·05	3·02	·01	·12	·22	4
5	-	·03	-	-	·12	·98	·03	1·05	·06	-	-	·47	5
6	-	·18	-	-	-	·28	·36	-	·05	·27	·12	-	6
7	-	-	-	-	-	·44	·05	·62	-	·33	·24	·03	7
8	·01	·20	·02	·01	·06	-	·06	·88	-	·07	·20	-	8
9	·01	·09	·01	·19	·04	·18	-	·12	·04	·02	·42	-	9
10	·03	·31	-	-	·04	·12	-	·18	·04	-	·31	-	10
11	·10	·06	-	-	·02	·01	·03	-	·06	-	·05	-	11
12	·06	·06	-	·01	-	-	1·21	·01	·17	·11	·17	-	12
13	-	-	·06	-	·05	·02	·01	·09	·01	-	-	-	13
14	·03	·01	-	·01	·04	·61	·17	1·28	-	-	·51	·01	14
15	·16	·25	-	·03	·10	-	·21	·09	·03	-	·03	·08	15
16	·98	·05	-	·47	·11	·53	·07	·60	·06	·01	-	-	16
17	·03	·10	-	·32	·15	·12	·26	·76	·02	·01	·01	-	17
18	·10	·01	-	·65	-	·42	·17	·07	-	·01	·92	-	18
19	·04	·11	-	·13	-	·14	·12	·18	·11	·04	-	-	19
20	·02	·14	·01	·17	-	-	-	·65	-	·01	·04	·02	20
21	·40	·04	·01	-	·37	-	-	·11	-	-	·03	-	21
22	·08	·07	-	-	·31	·03	·02	-	·01	-	·01	-	22
23	·57	-	-	·39	·24	·21	·15	-	·02	-	·41	·04	23
24	·14	·04	-	·42	·51	·01	·06	-	·01	-	-	·04	24
25	·22	·73	-	·59	·02	-	·10	-	-	-	·04	·03	25
26	·06	·12	-	·37	-	-	·01	-	-	-	·33	·01	26
27	·48	·12	-	·01	·07	-	·28	-	-	·16	·93	·18	27
28	·32	·33	·01	·10	·41	·01	·04	-	·01	·01	-	·06	28
29	·33		-	-	·37	-	·12	-	-	·41	·01	·01	29
30	·02	✕	-	·02	·09	-	-	-	·01	-	-	-	30
31	·10	✕	-	✕	·01	✕	·01	-	✕	·01	✕	·05	31
TOTAL	4·31	4·41	·12	5·03	3·14	4·68	3·88	6·76	5·04	1·56	5·72	1·62	YEAR'S TOTAL 46·27
*Days with ·01 in. or more.	24	23	6	21	21	19	24	17	20	17	22	16	230
*Days with ·04 in. or more.	16	20	1	15	17	14	18	15	12	8	16	10	162

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(*Signed*) John V [illegible] [P.T.O.

*See Instruction 2 (*f*) on other side.

3151

COPY FOR OFFICIAL USE. Langsett Moor

Section **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Upper Midhope

in the County of Yorkshire.

Diameter of Funnel of Gauge as before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·27	.02	-	·15	·56	·01	·23	·03	·18	·19	·08	·01	1
2	·67	-	-	-	.58	-	-	·01	·44	·20	·10	·26	2
3	·10	-	-	·06	·01	-	·22	-	·08	-	-	·24	3
4	·03	·01	-	·12	-	·01	-	-	-	·01	·09	-	4
5	·65	·02	·90	·22	·03	-	-	-	·03	-	-	·01	5
6	1·16	-	·10	·94	·04	-	·01	-	·08	-	-	-	6
7	·03	-	·83	·23	·01	-	-	-	·38	·15	·04	-	7
8	-	·01	-	·19	-	-	-	-	·15	·53	·02	-	8
9	·44	·11	-	·41	·03	-	-	-	-	-	-	·03	9
10	·43	·01	·01	·10	-	-	-	-	·26	·19	-	·15	10
11	·05	·03	·01	·05	·30	·14	·92	-	·08	·02	·04	-	11
12	·32	·01	-	-	·09	·01	·34	·01		·33	·08	·01	12
13	·02	·09	-	·22	·06	-	·86	·01	·06	·89	·05	·07	13
14	·10	-	-	·12	-	-	·26	·02	-	·06	·21	-	14
15	-	-	-	·02	·20	-	-	-	-	·05	·04	·10	15
16	·80	-	·01	·31	·01	-	·02	-	-	·05	·01	·02	16
17	-	-	-	·01	-	-	·04	-	·03	·70	·02	-	17
18	-	-	-	-	·01	-	-	-	·02	-	·01	-	18
19	-	·01	·01	·19	·02	-	-	·01	-	·17	-	-	19
20	-	-	-	·19	·31	-	·03	·79	-	·19	·03	-	20
21	-	-	·07	·01	1·77	-	-	1·10	-	·70	·06	·08	21
22	-	-	·20	·09	·51	-	·13	-	·12	·07	1·20	·10	22
23	-	·02	-	·16	·12	-	·01	-	-	·10	·14	·11	23
24	·02	-	-	·05	-	-	·17	-	·06	-	·24	·01	24
25	-	·06	-	·03	·03	-	·02	·02	·03	·44	·07	-	25
26	-	·02	-	·28	·42	-	·07	-	·02	·37	·36	-	26
27	-	-	·45	·18	·47	·03	·22	-	-	·02	·19	·01	27
28	-	·01	·16	·14	·20	·01	·12	·03	-	-	-	·02	28
29	·01		·44	·12	·30	·02	·10	·13	·23	·90	·16	·18	29
30	-	X	·19	·01	·28	·56	·02	·07	·09	·07	·50	·13	30
31	·01	X	·13	X	·02	X	·27	-	X	-	X	·11	31
TOTAL	5·11	·43	2·81	4·60	6·38	·79	4·06	2·23	2·34	6·40	3·74	1·65	YEAR'S TOTAL 40·54
*Days with ·01 in. or more.	17	14	14	27	25	8	20	12	18	23	23	19	220
*Days with .04 in. or more.	11	3	10	22	16	2	14	4	13	20	18	11	144

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*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE. Langsett Moor

Sec n **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933. 3151

Kept at Upper Midhope

in the County of Yorkshire.

Diameter of Funnel of Gauge As in.

Height of top of Gauge above Ground Before ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·26	·70	·06	-	-	-	-	-	-	-	·11	-		1
2	·32	-	·32	·02	-	-	-	-	-	-	·11	-		2
3	·06	·19	·09	-	·21	-	-	-	-	-	·06	-		3
4	·18	·12	·08	-	·06	-	-	-	-	-	-	-		4
5	·36	·16	·12	-	·25	-	-	-	-	-	-	-		5
6	·03	·10	·05	-	·42	-	·02	-	-	-	·01	·08		6
7	·05	·18	·04	-	·15	-	·16	-	-	1·11	-	·03		7
8	·11	·02	·03	-	·02	-	·56	-	-	-	-	·05		8
9	-	·44	-	·03	·04	-	·32	-	-	·68	·07	-		9
10	·02	·14	-	-	-	·06	·03	-	-	·88	·03	-		10
11	-	-	-	-	-	-	·30	-	-	·69	-	-		11
12	-	-	-	-	-	·20	·10	-	-	·02	-	·06		12
13	-	-	·01	-	·37	·06	·30	-	·12	·04	·04	-		13
14	·39	-	·01	-	·09	-	·08	·04	-	·03	·51	-		14
15	·99	-	·04	-	-	-	·04	·10	-	·37	1·04	·05		15
16	·36	-	·22	·13	·06	·11	·11	-	-	·19	·08	-		16
17	·06	-	·76	-	-	·51	-	·18	·02	-	·19	-		17
18	-	·22	·27	-	-	·50	-	-	-	-	·12	-		18
19	-	·01	·53	-	-	·05	-	-	·23	-	·02	·01		19
20	-	·01	-	-	-	-	-	·11	·02	-	·02	-		20
21	-	-	-	-	·02	·10	-	·12	·01	·04	·04	-		21
22	-	-	-	-	-	·02	-	·16	-	·28	-	·01		22
23	-	·04	-	22	-	-	-	·02	·18	·04	-	-		23
24	-	·80	-	·20	·02	·55	-	-	1·23	·03	·01	-		24
25	-	2·43	-	·11	-	·10	-	-	·12	-	·01	·02		25
26	-	1·10	-	·25	-	-	-	-	-	·20	·05	-		26
27	-	·09	-	-	·39	-	-	-	·06	·10	-	-		27
28	-	·01	-	·02	-	-	·03	-	·03	·25	-	-		28
29	-		-	·33	-	-	·01	-	-	·04	-	·02		29
30	·04	✕	·10	·10	-	-	·12	-	-	·10	-	·19		30
31	·24	✕	·02	✕	-	✕	·28	·01	✕	·22	✕	-		31
													Year's Total	
TOTAL	3·47	6·76	2·75	1·41	2·10	2·26	2·46	·74	2·02	5·32	2·52	·52	32·33	
*Days with ·01 in. or more.	15.	18	17.	10.	13.	11.	15.	8	10.	19.	18.	10.	164.	
*Days with .04 in. or more.	13.	14	13	7.	10.	10	11.	6.	6.	16.	12.	5.	123.	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John N Swales

P.T.O.

Langsett Moor

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3151

Kept at Upper Midhope

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... in.

,, Ground ,, Sea Level .... ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	**Jan.**	**Feb.**	**Mar.**	**April**	**May**	**June**	**July**	**Aug.**	**Sept.**	**Oct.**	**Nov.**	**Dec.**		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·08	–	–	–	–	–	–	·16	–	·01	–	·17		**1**
2	·01	–	·12	–	–	–	–	·32	·17	–	·12	·20		**2**
3	·03	·03	–	–	–	–	–	–	–	·11	·03	·02		**3**
4	·10	–	·36	·17	·02	–	–	–	·22	·80	–	·91		**4**
5	–	–	·26	·03	·11	–	–	·40	–	·13	·19	·08		**5**
6	–	–	·06	–	·45	·03	–	·21	·02	·15	–	·48		**6**
7	·24	·06	·08	–	–	·06	–	–	–	·14	·07	·34		**7**
8	–	–	–	–	·09	·12	–	·04	·01	·07	·46	·08		**8**
9	–	·01	·33	·09	–	–	–	·05	–	·01	·91	·18		**9**
10	–	·01	·62	·33	–	–	–	·22	–	·16	·19	–		**10**
11	·46	–	·19	·45	–	–	–	·10	–	·01	·04	·35		**11**
12	–	–	·19	·06	–	–	·04	–	–	–	–	·12		**12**
13	·64	–	·04	·04	·10	–	·19	·08	·01	·06	–	·01		**13**
14	·20	–	·34	–	·06	·04	–	–	–	·20	·29	·28		**14**
15	·72	–	·33	–	·51	–	–	·01	·12	·03	·14	·12		**15**
16	·35	–	·21	–	·21	·04	–	–	–	·01	·11	·06		**16**
17	·38	–	·31	–	·14	–	·36	–	·46	·09	·01	·22		**17**
18	·14	–	·33	·18	·21	·04	·02	·02	–	–	–	·16		**18**
19	–	–	·28	·04	·04	·24	–	–	·06	·03	–	·02		**19**
20	–	–	·02	·06	·07	·02	–	·06	·11	–	–	–		**20**
21	·03	–	–	–	·03	·44	–	·03	·02	·06	–	–		**21**
22	·02	–	–	–	·02	–	–	·14	·57	·09	–	·01		**22**
23	–	–	·03	·32	–	·02	·35	–	–	·07	·05	·13		**23**
24	–	–	·10	·06	–	·08	·01	–	·12	·06	–	·05		**24**
25	·13	–	–	·05	·03	·01	·15	–	·13	·29	–	·53		**25**
26	·27	–	·01	·06	–	·03	·26	–	·22	·04	·06	·03		**26**
27	·01	·04	–	·80	–	·08	·17	–	·04	·42	·03	·30		**27**
28	–	–	–	·31	–	·09	·18	·09	–	·42	–	·40		**28**
29	–		·04	·01	–	–	·01	·40	·49	·05	–	·27		**29**
30	·16	X	–	–	–	–	·15	–	·02	·22	–	·15		**30**
31	·01	X	–	X		X	·01	·01	X	·06	X	·08		**31**
TOTAL	3·98	·15	4·25	3·06	2·09	1·34	1·90	2·04	2·79	3·79	2·70	5·75	Year's Total. 33·84	209
* Days with .01 in. or more.	19	5	21	17	15	15	13	17	17	27	15	28	209	
* Days with .04 in. or more.	13	2	18	15	11	10	9	13	12	21	12	23	159	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE. Langsett Moor

Section **A** for the entry of Daily Observations. Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

3151

REGISTER OF RAINFALL IN 1935.

Kept at Upper Midhope

in the County of Yorkshire

Diameter of Funnel of Gauge as Before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·42	·18	·11	·05	–	·01	·03	–	·32	·29	·19	·42		1
2	·02	·08	·05	·01	–	·10	–	·05	·01	·48	·08	·21		2
3	·02	·44	·04	·07	–	·02	·15	–	·05	·02	·24	·05		3
4	–	–	·01	·01	–	·08	·12	–	·18	·98	–	·01		4
5	–	·26	·11	·13	–	·18	·04	–	·14	·09	·08	·04		5
6	·08	·02	·01	·04	–	·32	–	–	–	–	–	–		6
7	·03	–	–	·06	–	·26	–	–	–	·36	·50	·22		7
8	–	–	·01	·14	–	·30	–	·12	–	·04	·05	·32		8
9	–	–	–	·24	·02	·10	–	–	–	1·42	·24	·05		9
10	–	·01	·01	·44	–	·05	–	–	–	·60	·28	–		10
11	·93	·05	–	–	–	·11	·01	·01	–	·11	·26	·13		11
12	·05	·10	–	–	–	·18	–	–	·04	–	–	·01		12
13	·04	·14	–	·06	·21	·04	–	–	·04	·04	–	–		13
14	–	–	–	·20	·10	–	–	–	·18	–	·86	·09		14
15	–	1·64	–	·39	·06	·34	·06	–	·30	·02	·29	·23		15
16	·01	1·34	·15	·20	–	·14	·06	·01	·80	·04	·62	·01		16
17	–	·11	–	·30	·08	·36	·12	–	·90	·02	·89	–		17
18	·04	·02	–	·12	·03	·20	·25	–	·53	·48	·11	–		18
19	·02	·06	–	·22	–	·16	·21	–	·01	·29	·28	–		19
20	·01	·30	–	·45	–	·08	·01	–	–	–	1·35	–		20
21	–	·40	–	·05	–	–	–	·02	·67	·09	·28	·18		21
22	–	·06	·16	–	–	–	–	–	·02	–	·01	–		22
23	–	–	·86	·01	–	–	–	·76	·02	·33	–	–		23
24	·74	·78	–	–	–	–	–	–	·94	·04	·01	·20		24
25	·18	·10	·04	–	–	·07		–	–	–	·03	·19		25
26	–	–	–	–	–	–	·03	·86	·15	·37	·18	·19		26
27	·02	·16	–	–	·01	·03	·22	–	·40	·80	·20	·38		27
28	·02	–	–	–	–	–	–	·12	·04	·26	·16	·16		28
29	·01		·07	–	–	–	–	–	·08	·36	·10	·22		29
30	·05	✕	–	–	–	·03	–	·14	·34	·84	·82	·14		30
31	·02	✕	–	✕	–	✕		–	✕	·56	✕	·26		31
TOTAL	2·71	6·25	1·63	3·19	·51	3·16	1·31	2·09	6·16	8·93	8·11	3·71	Year's Total 47·76	
* Days with .01 in. or more.	19	20	13	20	7	22	13	9	22	25	25	22	217	
* Days with .04 in. or more.	9	17	9	17	4	18	9	6	18	22	22	19	170	

40-9999.

† Spare column, no entries required

(*Signed*)

P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE.

LANGSETT MOOR

Station No. 7

Section A for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

3151

Kept at Upper Midhope,

in the County of Yorkshire.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in. As before.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.02	.02	.08	.69	-	.02	-	.17	.02	-	.04	.32		1
2	-	.03	.18	.07	-	.82	.16	.17	-	-	.02	.16		2
3	.05	.01	.02	-	-	.26	-	.14	.35	-	-	.14		3
4	.13	.06	.10	-	-	.15	-	.08	.13	.03	.27	.49		4
5	.16	.02	.38	-	.03	.01	.01	.05	.21	.02	-	.16		5
6	.07	-	.01	-	.03	.02	.14	.33	.50	-	.34	-		6
7	.14	-	.04	-	.01	-	.17	-	1.20	.03	.14	.02		7
8	.30	-	.07	-	-	-	-	-	.02	.01	.42	.05		8
9	.43	-	.16	-	.04	-	.20	-	.16	.05	1.80	-		9
10	.16	-	.01	-	-	-	.91	.02	.01	.03	.70	-		10
11	-	-	.01	.03	-	.05	.09	-	.29	-	.82	-		11
12	-	-	-	.15	.04	.72	.32	-	.43	.03	.44	.06		12
13	-	-	-	.11	-	.12	.20	-	-	.06	.02	.98		13
14	-	-	-	.14	-	.18	.02	-	.62	.08	.21	.64		14
15	.16	.09	.02	.20	.18	.08	.06	.01	.18	-	.70	.10		15
16	.18	.06	-	.08	-	-	.03	-	-	.03	.51	-		16
17	.01	.76	-	-	.13	-	.18	-	-	.22	.11	.24		17
18	-	.09	-	.02	-	.06	.11	.01	-	.75	.02	.05		18
19	1.13	.31	.02	.04	-	.17	.02	.36	-	.19	-	-		19
20	.19	.20	.01	-	-	.01	.01	-	.03	.02	-	-		20
21	.13	-	.04	.15	-	.06	-	-	-	.02	-	-		21
22	.03	.56	.10	.01	.05	.90	.22	-	-	-	-	.03		22
23	-	-	.52	.14	.22	-	.60	-	-	.05	-	-		23
24	.17	.11	-	.02	.36	-	-	-	.12	.45	-	.01		24
25	.13	-	.09	.04	.01	.02	.01	-	.42	.23	.01	-		25
26	.01	.38	.75	-	.01	-	-	-	.02	.60	-	-		26
27	.52	-	.09	-	-	-	-	-	.17	.52	-	-		27
28	.36	.68	.08	-	-	-	.36	-	.02	-	-	.06		28
29	.15	.86	.70	-	-	.63	-	-	-	.06	.08	.10		29
30	.09	✕	.01	-	.52	.02	.08	-	-	.70	.15	.08		30
31	.01	✕	.04	✕	-	✕	.01	-	✕	.02	✕	.31	Year's Total	31
TOTAL	4.73	4.24	3.53	1.89	1.63	4.30	3.91	1.34	4.90	4.20	6.80	4.00	45.47	✓
* Days with .01 in. or more.	24 ✓	16 ✓	24 ✓	15 ✓	13 ✓	19 ✓	22 ✓	10 ✓	19 ✓	23 ✓	19 ✓	19 ✓	223	✓
* Days with .04 in. or more.	19 ✓	12 ✓	16 ✓	11 ✓	8 ✓	13 ✓	15 ✓	7 ✓	13 ✓	13 ✓	15 ✓	16	158	✓

40-9999.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3151

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Langsett Moor (Up. Midhope)
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 925 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·13	·28	·06	–	–	–	·03	–	·21	–	·05	·38		1
2	·30	·35	·05	·23	–	–	–	–	–	–	–	1·06		2
3	·01	·11	·02	·10	·03	·04	–	–	–	–	–	·04		3
4	·40	·03	·08	·10	·07	–	·01	–	–	–	–	·26		4
5	1·16	–	·19	·04	·02	–	·01	–	–	–	–	·02		5
6	·30	–	·10	·05	·04	–	·18	·06	·01	–	·08	·18		6
7	·10	·68	–	·38	·13	·08	–	–	·05	–	·10	·15		7
8	·02	·41	·02	·07	·01	–	·03	–	·01	–	·15	·12		8
9	–	·28	·01	·03	·41	–	·44	·01	·01	–	–	·03		9
10	·02	·23	–	·01	·04	·03	·01	·01	–	·01	·02	·24		10
11	–	–	1·34	–	·74	–	–	·01	–	–	–	·03		11
12	·21	·28	·16	·01	·38	·20	·01	·02	·25	–	–	·23		12
13	–	·01	–	·01	·11	·27	–	·07	·07	–	–	·15		13
14	–	·02	·06	–	–	·01	–	·11	·10	–	–	·20		14
15	·22	·38	–	·24	–	–	1·08	–	·09	–	–	·01		15
16	·10	·37	·47	·46	·01	·02	–	·16	·13	–	–	·03		16
17	·29	·09	·36	·31	–	·05	–	–	·74	–	–	–		17
18	·96	·16	·24	·03	–	·01	·01	·09	·02	–	·40	–		18
19	·03	·15	·06	·06	–	·11	·08	·01	–	·01	·82	–		19
20	·29	·14	·05	·18	·66	·33	–	–	·01	–	–	·01		20
21	·15	·10	·05	·02	·02	–	·26	–	–	–	–	·01		21
22	·04	–	·06	·03	·05	–	·17	–	–	·26	·23	·03		22
23	·35	–	–	–	·02	–	·14	–	–	1·47	·57	–		23
24	·34	·38	·13	–	·13	·01	·05	–	·01	·34	–	·01		24
25	·19	·58	·20	–	–	–	–	·01	–	·52	–	·02		25
26	–	·38	·02	–	·34	–	–	·07	–	–	–	·05		26
27	–	·28	–	·22	–	–	–	–	·02	·88	·03	·06		27
28	·01	·69	·04	·01	–	·04	–	–	–	·08	–	·01		28
29	·01		·01	–	–	–	–	–	–	·08	·01	·04		29
30	·46	✕	–	–	–	·08	–	·12	–	·03	·09	·08		30
31	·44	✕	–	✕	–	✕	–	–	✕	·19	✕	·01		31
TOTAL	6·53	6·38	3·78	2·59	3·21	1·28	2·51	·75	1·73	3·87	2·55	3·46	Year's Total 38·64	
* Days with .01 in. or more.	25	23	23	21	18	14	15	13	15	11	12	27	217	
* Days with .04 in. or more.	19	20	18	13	12	9	8	7	8	8	9	15	146	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3151

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Langsett Moor, Up. Midhope

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 925 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	.06	–	–	.01	.97	1.52	.02	–	.01	.25	.34		1
2	.03	.09	–	.21	.10	.26	–	–	–	.52	.08	.10		2
3	.05	–	–	–	–	–	.02	–	.10	1.83	.12	.02		3
4	.05	–	–	–	–	.04	.16	.01	–	.49	.25	.49		4
5	–	.01	–	.01	–	.03	.02	.18	.02	1.02	.02	.06		5
6	.28	.02	–	–	–	.02	.25	.15	.06	.23	–	.02		6
7	.25	.01	–	–	–	–	.28	.04	.42	.16	–	.02		7
8	.46	–	–	–	–	–	.53	.01	–	.65	–	.10		8
9	.08	.35	.10	–	–	.15	.09	.07	–	.05	–	.45		9
10	.02	.07	.01	–	–	.05	.29	.01	–	.30	.01	.03		10
11	.23	.02	–	–	–	–	.14	.01	–	.11	.09	.16		11
12	.29	–	–	–	.12	–	–	.18	–	.85	.18	.01		12
13	.05	.02	–	–	–	–	–	–	.05	.28	.24	.25		13
14	.55	–	–	–	.01	–	.09	–	.30	.01	.01	.01		14
15	1.24	–	–	–	–	–	.36	.04	–	.01	.01	.51		15
16	.66	–	.03	–	.01	–	.26	.15	–	.14	.13	.14		16
17	–	–	–	–	.14	–	.10	.05	.01	.13	–	.04		17
18	.06	.01	–	–	.21	.01	–	.13	.07	.36	.48	–		18
19	–	–	–	–	.02	.01	–	.25	.04	–	–	.16		19
20	.04	.01	–	–	–	–	–	–	.02	–	.30	.20		20
21	.02	–	–	–	–	.01	–	.01	.02	–	.03	.20		21
22	.01	.02	–	.01	–	.22	–	–	.01	–	.42	.09		22
23	–	–	–	.01	.13	.06	–	–	.15	–	.62	.01		23
24	.01	–	.15	–	.04	.04	.08	.22	.31	–	.45	.03		24
25	.27	.24	.08	–	–	–	–	.01	–	.32	.86	.02		25
26	.12	.52	.04	–	–	.02	–	–	.20	.25	.08	.01		26
27	.20	.12	.01	–	.20	.44	.12	.42	.07	–	.51	–		27
28	.52	.08	.02	–	.66	.51	.10	.47	.13	–	.01	.07		28
29	.11		.22	.01	1.02	.08	.08	–	.04	.03	.18	.09		29
30	.20	✕	.01	–	.12	.14	.01	–	.65	–	.13	.07		30
31	.33	✕		✕	.48	✕			✕	.56	✕	.92		31
													Year's Total	
TOTAL	6.14	1.65	.67	.25	3.27	3.05	4.50	2.43	2.67	8.31	5.46	4.62	43.02	
* Days with .01 in. or more.	27	16	10	5	15	18	19	20	19	22	24	29	224	
* Days with .04 in. or more.	21	8	5	1	11	12	16	13	14	18	18	19	156	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3151

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Langsett Moor, Up-Midhope

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 925 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·07	-	·27	·07	-	-	·21	·27	·02	·10	-	·35		1
2	·07	-	·01	·15	·01	-	·16	·16	1·08	·06	·09	·10		2
3	·36	-	-	·16	-	-	-	·28	·10	·01	·20	·68		3
4	·12	-	·26	·61	-	-	·12	·40	-	·12	·12	1·38		4
5	-	-	·01	·02	·17	-	·12	·05	-	·50	·38	·18		5
6	·35	·02	·07	-	-	-	·64	-	-	·04	·19	·		6
7	·12	·23	·22	-	·02	-	·02	-	-	·01	·40	·08		7
8	·29	·17	·44	-	-	-	·52	·02	-	·01	·20	·38		8
9	·15	·33	-	-	-	-	·05	·30	-	·78	·11	·43		9
10	·72	·01	·02	-	-	·06	-	·20	·15	·04	·01	·		10
11	·08	·07	·14	-	·01	·44	-	·03	·03	·02	-	·03		11
12	·12	·31	-	·	·03	·10	·	-	-	-	·01	·01		12
13	·02	-	·02	·07	·07	·10	·01	-	·01	·06	·01	·		13
14	·72	-	·03	·05	·38	·17	·22	-	-	·38	·19	·		14
15	·25	·02	·02	·16	·26	·62	·09	-	·01	-	·09	·		15
16	·07	·03	·15	·	1·06	·01	·13	-	-	-	·09	·		16
17	·72	·19	·01	·40	·26	-	·02	-	-	·81	·03	·		17
18	·45	·11	·02	-	·01	·19	·14	-	·02	·01	1·03	·		18
19	·33	-	-	-	-	·10	·91	·02	·18	·02	-	·02		19
20	·02	-	-	-	-	·20	·13	·27	·19	-	-	·01		20
21	·09	·21	·41	·13	-	·21	·05	·01	·29	-	-	·		21
22	·27	·60	·15	-	-	-	·05	-	·09	·01	·43	·		22
23	·06	·35	·02	·18	-	·06	·12	-	·01	·34	·30	·01		23
24	·01	·03	·03	·20	-	·05	·01	·02	-	·02	·01	·		24
25	·40	·25	-	·02	-	·02	-	·68	-	-	1·05	·02		25
26	·08	·08	-	-	-	·	-	-	-	·10	·42	·13		26
27	·05	·36	·57	-	-	·09	·03	-	-	·13	·50	·02		27
28	·01	·12	·48	·08	-	·21	·32	·08	-	·01	·37	·		28
29	-	×	·04	·05	-	·02	1·63	-	-	·22	·48	·		29
30	-	×	-	-	-	·08	·03	-	-	-	·16	·		30
31	·	×	·01	×	-	×	·27	·01	×	·16	×	·		31
													Year's Total	
TOTAL	6·00	3·49	3·40	2·35	2·28	2·73	6·00	2·80	2·18	3·96	6·87	3·83	45·89	
* Days with .01 in. or more.	27	19	23	15	11	18	25	16	13	24	25	16	232	
* Days with .04 in. or more.	23	14	12	13	6	15	19	10	7	15	20	9	163	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K [illegible]

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3151

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930.

Kept at Langsett Moor, Up. Midhope

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level 925 ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	·12	·	·13	·01	·	·	·	·	-	·33	·05		1
2	·	·	·01	·24	·	·	·05	·	·	-	·61	·09		2
3	·06	(·24)	·	·10	·	·	·01	·	·01	·15	·07	·04		3
4	·	(·18)	·	·17	·	·	·03	·	·	·28	·28	·14		4
5	·	·	·	·	·09	·	·01	·	·	·53	·20	·54		5
6	·04	(·23)	·	·	·	·	·	·	·	1·13	·17	·22		6
7	·02	·37	·	·16	·26	·	·	·02	·18	·05	·	-		7
8	·01	·01	·	·10		·	·	·04	·01	·21	·	·20		8
9	·	·	·15	·	·	·	·11	·08	·03	·39	·85	·21		9
10	·	·	·	·01	·	·02	·59	·46	·04	·03	·86	·68		10
11	·	(·10)	·04	·03	·	·	·16	·	·	·	1·65	·10		11
12	·	·02	·49	·	·	·01	·06	·	·24	·	·72	-		12
13	·	(·10)	·40	·	·	·	·	·01	·36	·	·25	-		13
14	·	·	·02	·44	·07	·	·46	·04	·04	·04	·01	·51		14
15	·	·	·08	·06	·07	·	·	·	·	·04	·24	·06		15
16	·08	(·23)	·10	·06	·	·	·45	·	·80	·71	·54	·06		16
17	·	·03	·40	·04	·	·	·55	·	·30	·02	·48	·		17
18	·07	·20	·17	·80	·	·	·11	·04	·12	·	·05	·18		18
19	·01	·09	·28	·15	·	·	·28	·03	·42	·10	·25	·03		19
20		·	·09	·44	·	·02	·20	·25	·01	·08	·16	-		20
21	·03	·	·16	·01	·	·11	·02	·03	·	·09	1·22	-		21
22	·02	·01	·	·	·15	·40	·	·02	·12	·03	·01	·03		22
23	·	·17	·09	·04	·04	·07	·01	·	·04	·10	·18	·02		23
24	·41	·01	·01	·04	·	·	·02	·	·03	·12	·	·16		24
25	·15	·	·	·	·	·02	·	·	·	·05	·	·01		25
26	·72	·06	·	·01	·02	·02	·15	·01	·	·05	·05	·01		26
27	1·06	·10	·	·01	·	·	·36	·03	·06	·	·10	-		27
28	·97	·68	·	·02	·09	·	·	·03	·	·	·	-		28
29	·05	·	·26	·09	·10	·11	·01	·	·03	·	·	·07		29
30	·05	×	·	·63	·	·	·	·	·	·40	·	·29		30
31	·08	×	·33	×	·	×	·	·	×	·92	×	·48		31
TOTAL	3·83	(2·95)	3·08	3·78	·90	·78	3·64	1·08	2·84	5·52	9·28	4·18	Year's Total 41·86	
* Days with .01 in. or more.	17	19	17	23	10	9	20	14	18	22	23	23	215	
* Days with .04 in. or more.	12	14	14	17	8	4	13	6	12	19	21	18	158	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed)

[P.T.O.

oor. 3152

3152

LANGSETT MOOR

MICKLEDEN

1931 - 1940

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Mickleden

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As before in.
- *Height of Top above Ground* 1 *ft.* 0 *in.* ✓
- *Height of Ground above Sea Level* As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·95 ✓				
FEB.	7·35 ✓				
MAR.	·260 ✓				
APRIL	5·64 ✓				
MAY	3·23 ✓				
JUNE	6·02 ✓				
JULY	5·49 ✓				
AUG.	8·56 ✓				
SEPT.	5·92 ✓				
OCT.	2·50 ✓				
NOV.	6·95 ✓				
DEC.	2·89 ✓				
Total	61·76 ✓	BJJ			

Signature

*See Instruction 2 (*f*) below.

Eve space for

Nam be sent:—

ger and Engineer

Hou 9 a.m

Nea n from ge

Nea n from ge

Nat

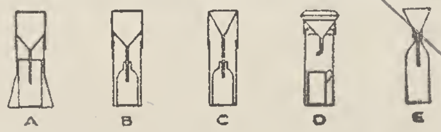
Heights of objects	As Before			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: Gauge lowered to 1 Foot (top above ground) Jan 1st 1931

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

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3152

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Mickleden

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As before in.
- *Height of Top above Ground* 1 *ft.* 0 *in.* ✓
- *Height of Ground above Sea Level* As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·95 ✓				
FEB.	7·35 ✓				
MAR.	·26 ✓				
APRIL	5·64 ✓				
MAY	3·23 ✓				
JUNE	6·02 ✓				
JULY	5·49 ✓				
AUG.	8·56 ✓				
SEPT.	5·92 ✓				
OCT.	2·50 ✓				
NOV.	6·95 ✓				
DEC.	2·89 ✓				
Total	61·76 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales. M. Inst C.E. General Manager and Engineer
Water Dept - Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: Gauge lowered to 1 Foot (top above ground) Jan 1st 1931

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3152

FORM 1090. **B** Monthly Summary.

C Particulars of Station. Langsett Moor

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Mickleden
In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	7·28				
FEB.	·48				
MAR.	3·67				
APRIL	5·61				
MAY	6·19				
JUNE	·88				
JULY	4·92				
AUG.	2·70				
SEPT.	4·78				
OCT.	8·13				
NOV.	4·87				
DEC.	2·24				
Total	51·75 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq M.Inst.C.E. – Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

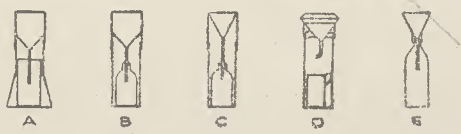
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Langsett Moor

3152

RM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933

At Mickleden.

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... ft. .... in.

Height of Ground above Sea Level .... ft.

As Before.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.59				
FEB.	8.92				
MAR.	3.04				
APRIL	1.93				
MAY	2.28				
JUNE	2.69				
JULY	3.83				
AUG.	·93				
SEPT.	1.90				
OCT.	5.64				
NOV.	2.65				
DEC.	·74				
Total	39·14				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales M. Inst. C. E. Engineer & Manager
Water Dept. Town Hall. Sheffield.

Hour of observation by the clock—in Winter 9 am , in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

	A	B	C	D
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Langsett Moor
No. 7.
3152

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Mickleden

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·11				
FEB.	·25				
MAR.	5·08				
APRIL	3·04				
MAY	2·44				
JUNE	1·50				
JULY	2·35				
AUG.	3·20				
SEPT.	3·23				
OCT.	4·77				
NOV.	3·05				
DEC.	7·06				
Total	41·08 ✓				

Signature John K Swales

*See Instruction 2 ~~(f)~~ below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M: Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

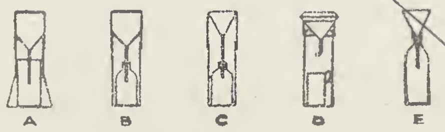
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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17

Langsett Moor

3152

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Mickleden

In the County of Yorkshire

as Before

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*.......*ft*.........*in.*
- *Height of Ground above Sea Level*..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·30				
FEB.	8·93				
MAR.	2·69				
APRIL	4·28				
MAY	·49				
JUNE	3·70				
JULY	2·05				
AUG.	2·18				
SEPT.	6·95				
OCT.	12·15				
NOV.	8·66				
DEC.	4·73				
TOTAL	60·11 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, No 7

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

as Before

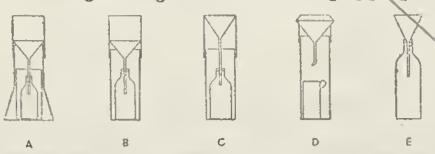
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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LANGSETT MOOR

3152

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Mickleden,

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* ...... *ft.* ...... *in.* As before.
- *Height of Ground above Sea Level* 1217 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	5.70				
FEB.	5.31				
MAR.	4.42				
APRIL	2.04				
MAY	1.50				
JUNE	4.66				
JULY	4.31				
AUG.	2.05				
SEPT.	6.23				
OCT.	5.78				
NOV.	7.73				
DEC.	5.65				
TOTAL	55.38				

✓

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

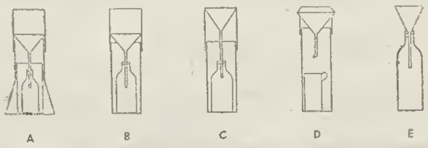
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3152

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Langsett Moor (Mickleden)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1217 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches ✓	Inches	Date	*	*
JAN.	8·42				
FEB.	7·74 ✓				
MAR.	4·52 ✓				
APRIL	3·33 ✓				
MAY	3·54 ✓				
JUNE	1·69				
JULY	3·12 ✓				
AUG.	1·02 ✓				
SEPT.	2·23 ✓				
OCT.	4·22 ✓				
NOV.	3·25 ✓				
DEC.	4·63 ✓				
TOTAL	47·~~68~~ 71 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

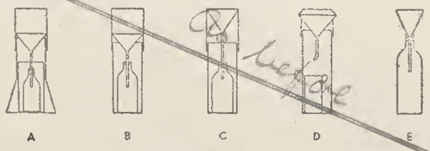
As before

If gauge has been moved during the year state— Ivory Wall from 1st January 1937

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



As before

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3152

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Langsett Moor, Mickleden

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 1217 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·01				
FEB.	3·33				
MAR.	1·82				
APRIL	·57				
MAY	3·96				
JUNE	4·36				
JULY	5·31				
AUG.	3·81				
SEPT.	3·24				
OCT.	12·25				
NOV.	7·93				
DEC.	5·99				
TOTAL	59·58				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

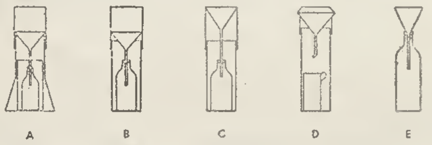
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall, please** give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3152

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939.

At Langsett Moor, Mickleden

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1217 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·15				
FEB.	4·59	✓			
MAR.	4·61	✓			
APRIL	3·35	✓			
MAY	2·84	✓			
JUNE	3·69	✓			
JULY	7·96	✓			
AUG.	2·54	✓			
SEPT.	2·73	✓			
OCT.	4·75	✓			
NOV.	10·61	✓			
DEC.	4·84	✓			
TOTAL	59·69				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

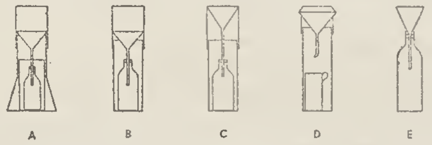
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3152

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Langsett Moor, Mickleden

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1217 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
Jan.	(4·74)				
Feb.	(3·80)	✓			
Mar.	4·68	✓			
April	4·81	✓			
May	1·23	✓			
June	·93	✓			
July	3·99	✓			
Aug.	1·76	✓			
Sept.	4·31	✓			
Oct.	6·70	✓			
Nov.	11·45				
Dec.	5·74				
Total	54·04	✓			

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E., General Manager & Engineer
Sheffield Corpⁿ Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

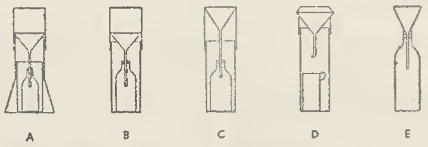
Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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S.O. Code No. 40-9999

3152/1
LANGSETT MOOR
MICKLEDEN EDGE No37
1931 - 1940

180601

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Mickleden Edge No37
In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1110 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·39	✓			
FEB.	7·30	✓			
MAR.	·29	✓ ✓			
APRIL	5·70	✓			
MAY	3·27	✓			
JUNE	6·11	✓			
JULY	5·47	✓			
AUG.	8·49	✓			
SEPT.	5·97	✓			
OCT.	2·42	✓			
NOV.	7·19	✓			
DEC.	2·88	✓			
Total	62·48 ✓				

Signature John N [illegible]

*See Instruction 2 (*f*) below.

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WR 7

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ection from gauge N.
ection from gauge N.E

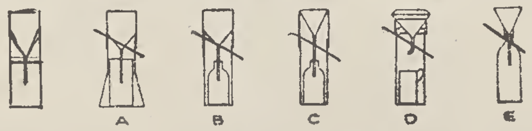
nearest to gauge		Beck.		
Heights of objects	25 ft	0	1 42 51	
Distances ..	83 yds	53 yds		
Directions from gauge ..	W. NW.	W. N.W.		

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note:- New Check Gauge on Mickleden from Jan 1st 1931.

O.S. map No 37. E7.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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N

tt Moor.

3152/1

WR 7

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B Monthly Summary.

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RAINFALL IN 1931

At Mickleden Edge No 37

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1110 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·39	✓			
FEB.	7·30	✓			
MAR.	·29	✓ ✓			
APRIL	5·70	✓			
MAY	3·27	✓			
JUNE	6·11	✓			
JULY	5·47	✓			
AUG.	8·49	✓			
SEPT.	5·97	✓			
OCT.	2·42	✓			
NOV.	7·19	✓			
DEC.	2·88	✓			
Total	62·48 ✓				

Signature John N Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales M. Inst C.E. General Manager and Engineer
Water Dept - Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Hazlehead Distance 2 5/8 miles Direction from gauge N.

Nearest Parish Church at Langsett Distance 1 11/16 miles Direction from gauge N.E.

Nature of objects nearest to gauge	Tree	Mickleden Beck.	53292	
Heights of objects	25 ft	0	1 4251	
Distances ..	83 yds	53 yds		
Directions from gauge ..	W. NW.	W. N.W.		

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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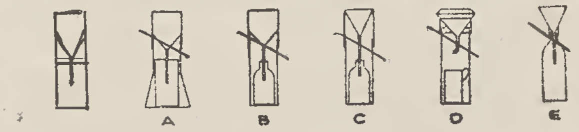

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note:- New Check Gauge on Mickleden from Jan 1st 1931.

O.S. map No 37. E7.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

N

3152/1

Langsett Moor

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Mickleden (New Gauge)

In the County of Yorkshire

Rain Gauge { Diameter of Funnel As Before in.
Height of Top above Ground ...... *ft* ...... *in.*
Height of Ground above Sea Level ...... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	7.35				
FEB.	.48				
MAR.	3.77				
APRIL	6.64				
MAY	6.19				
JUNE	1.03				
JULY	5.06				
AUG.	2.76				
SEPT.	5.07				
OCT.	8.49				
NOV.	5.68				
DEC.	2.21				
Total	54.73 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter ...... **in Summer** ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

A

B

C

D

E

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Langsett Moor.

3152/1

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Mickleden Edge *

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground* in.
- *Height of Ground above Sea Level* ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·65				
FEB.	9·35				
MAR.	3·23				
APRIL	1·87				
MAY	2·64				
JUNE	2·80				
JULY	4·12				
AUG.	·94				
SEPT.	1·94				
OCT.	6·02				
NOV.	3·12				
DEC.	·91				
Total	41·59 ✓				

Signature John N Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst C.E. Engineer and Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

* or Mickleden Check Gauge

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Langsett Moor

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Mickleden Edge. *

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... ft. .... in.

Height of Ground above Sea Level .... ft.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.27				
FEB.	·28				
MAR.	5·87				
APRIL	3·57				
MAY	2·67				
JUNE	1·61				
JULY	2·70				
AUG.	3·77				
SEPT.	3·71				
OCT.	5·41				
NOV.	3·37				
DEC.	7·70				
Total	45·93				

Signature ....

*See Instruction 2 (*f*) below.

C Particulars of Station.

No 7.

3152/1

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M: Inst C.E. Engineer & Manager

Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m in Summer 9 a.m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

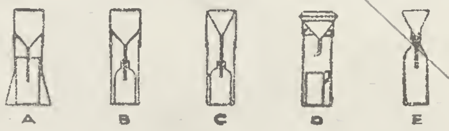
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

* or Mickleden Check Gauge

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Langsett Moor

3152/1

11

FORM 1090.

B Monthly Summary.

C Particulars of Station, No 7

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

(or Mickleden Check)

At Mickleden Edge

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground ...... ft. ...... in.
Height of Ground above Sea Level ...... ft.

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.37				
FEB.	9.62				
MAR.	2.91				
APRIL	4.58				
MAY	.51				
JUNE	4.27				
JULY	2.28				
AUG.	2.35				
SEPT.	7.23				
OCT.	12.86				
NOV.	9.21				
DEC.	5.10				
TOTAL	64.29 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E. Manager & Engineer

Water Dept: Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

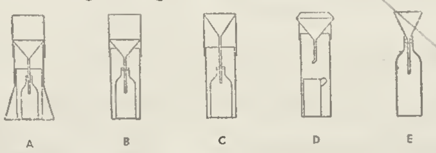
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{r|c|}17 & \\ 18 & \}\cdot14\end{array}$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LANGSETT MOOR

3152/1

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Mickleden Edge.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel ....in.
Height of Top above Ground ....ft. ....in. As before.
Height of Ground above Sea Level 1110 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.99				
FEB.	5.53				
MAR.	4.52				
APRIL	2.20				
MAY	1.66				
JUNE	4.86				
JULY	4.59				
AUG.	2.24				
SEPT.	6.54				
OCT.	6.06				
NOV.	7.72				
DEC.	6.13				
TOTAL	58.04 ✓				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

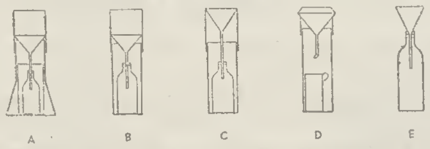
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3152/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Langsett Moor (Mickleden) Check

In the County of Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1110 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·21				
FEB.	8·13				
MAR.	4·74				
APRIL	3·31				
MAY	3·48				
JUNE	1·63				
JULY	3·21				
AUG.	1·11				
SEPT.	2·23				
OCT.	4·33				
NOV.	3·20				
DEC.	4·81				
TOTAL	48·39				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

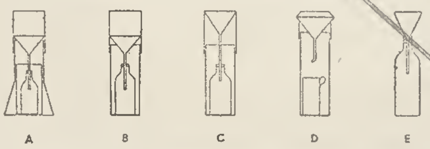
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3152/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Langsett Moor, Mickleden Edge check gauge No. 37

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1110 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·26				
FEB.	3·27				
MAR.	1·75				
APRIL	·64				
MAY	3·92				
JUNE	4·46				
JULY	5·30				
AUG.	3·78				
SEPT.	3·30				
OCT.	12·62				
NOV.	7·80				
DEC.	6·12				
TOTAL	60·22				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

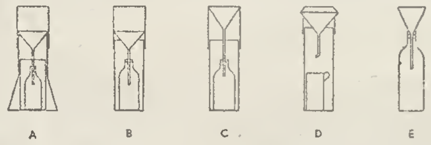
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus
17 } ·14
18 }
would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3152/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Langsett Moor, Mickleden Edge check gauge.

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1110 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·69	✓			
FEB.	5·78	✓			
MAR.	4·19	✓			
APRIL	3·28	✓			
MAY	2·32	✓			
JUNE	3·59	✓			
JULY	8·13	✓			
AUG.	2·81	✓			
SEPT.	2·86				
OCT.	4·92				
NOV.	10·59	✓			
DEC.	5·26				
TOTAL	61·42				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
No 37 Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

~~Nearest Railway Station Distance Direction from gauge~~

~~Nearest Parish Church at Distance Direction from gauge~~

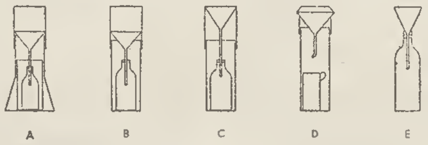
~~Nature of objects nearest to gauge~~				
~~Height of objects~~	As before			
~~Distances ...~~				
~~Directions from gauge ...~~				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

3152/1

FORM 1090.

B Monthly Summary.

C Particulars of Station.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

No 37

At Langsett Moor, Mickleden Edge check gauge.

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 1110 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·98)				
FEB.	(3·84)	✓			
MAR.	4·63				
APRIL	4·20				
MAY	1·31				
JUNE	·99	✓			
JULY	4·23	✓			
AUG.	1·75	✓			
SEPT.	4·71	✓			
OCT.	7·09	✓			
NOV.	11·76				
DEC.	6·53				
TOTAL	56·02	✓			

Signature John K. Swales

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

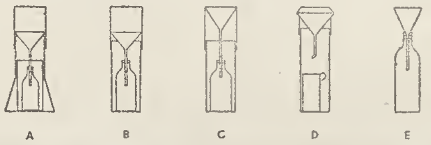
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly
Summar

ett Moor 3153

3153

LANGSETT MOOR
CATCLOUGH
1931 - 1940

Y80601

*** The following register of monthly tota
&c., is NOT required if daily or week
values are given on the other side.

RAINFALL IN 1931

At Catclough.
In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground ...... ft ...... in.
Height of Ground above Sea Level .... ft.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·38	✓			
FEB.	6·36	✓			
MAR.	·21	✓			
APRIL	5·54	✓			
MAY	3·45	✓			
JUNE	6·92	✓			
JULY	5·37	✓			
AUG.	8·36	✓			
SEPT.	6·26	✓			
OCT.	2·53	✓			
NOV.	6·66	✓			
DEC.	2·58	✓			
Total	60·62	✓ JS			

Signature John V Swales

*See Instruction 2 (*f*) below.

also the space for

r should be sent:—
al Manager
and Engineer.
d

Summer 9 am
Direction from
gauge
Direction from
gauge

nearest to gauge
Heights of objects
Distances ..
Directions from gauge ..

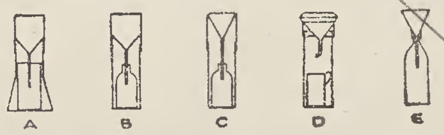
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: Gauge lowered to 1 foot (top above ground) Jan 1. 1931.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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ett Moor 3153

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Catclough
In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground 2 ft .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·38 ✓				
FEB.	6·36 ✓				
MAR.	·21 ✓				
APRIL	5·54 ✓				
MAY	3·45 ✓				
JUNE	6·92 ✓				
JULY	5·37 ✓				
AUG.	8·36 ✓				
SEPT.	6·26 ✓				
OCT.	2·53 ✓				
NOV.	6·66 ✓				
DEC.	2·58 ✓				
Total	60·62 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - M. Inst C.E. - General Manager and Engineer.
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

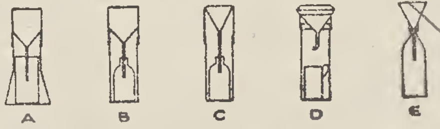
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: Gauge lowered to 1 foot (top above ground) Jan 1. 1931.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

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3153

Langsett Moor

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Catclough

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·97				
FEB.	·43				
MAR.	3·40				
APRIL	5·78				
MAY	6·35				
JUNE	1·01				
JULY	5·35				
AUG.	2·95				
SEPT.	5·30				
OCT.	8·18				
NOV.	4·85				
DEC.	2·27				
Total	52·84 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. – M. Inst. C.E. – Engineer & Manager
Water Dept. – Town Hall – Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

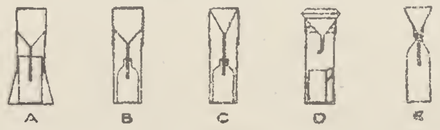
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Langsett Moor.

3153

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Catclough

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.59				
FEB.	8.65				
MAR.	3.24				
APRIL	1.66				
MAY	2.33				
JUNE	2.95				
JULY	5.04				
AUG.	.98				
SEPT.	1.92				
OCT.	5.68				
NOV.	3.44				
DEC.	.57				
Total	41.05				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M.Inst.C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

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Langsett Moor
No 7

3153

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Carclough

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·91				
FEB.	·26				
MAR.	3·96				
APRIL	3·35				
MAY	2·97				
JUNE	1·91				
JULY	2·71				
AUG.	3·82				
SEPT.	3·23				
OCT.	5·56				
NOV.	3·38				
DEC.	7·07				
Total	43·13				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq M. Inst CE - Engineer & Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge

Height of objects

Distances ..

Directions from gauge ..

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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11

/ Langsett Moor. 3153

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Catclough

In the County of Yorkshire

Rain Gauge
~~Diameter of Funnel .... in.~~
Height of Top above Ground ...... *ft.* ...... *in.*
Height of Ground above Sea Level ...... *ft.*
As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·23				
FEB.	8·08				
MAR.	2·71				
APRIL	3·87				
MAY	·55				
JUNE	4·13				
JULY	2·11				
AUG.	2·37				
SEPT.	7·54				
OCT.	11·38				
NOV.	9·64				
DEC.	4·82				
TOTAL	60·43 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

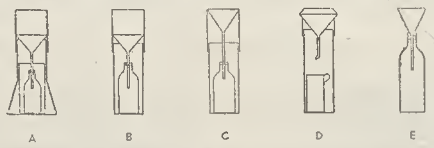
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005 ; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LANGSETT MOOR 3153

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Catclough.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground* As before. ......*ft*..........*in.*
- *Height of Ground above Sea Level*..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.81				
FEB.	5.35				
MAR.	4.50				
APRIL	2.28				
MAY	2.01				
JUNE	5.62				
JULY	5.04				
AUG.	2.44				
SEPT.	6.83				
OCT.	5.77				
NOV.	7.06				
DEC.	5.23				
TOTAL	57.94				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

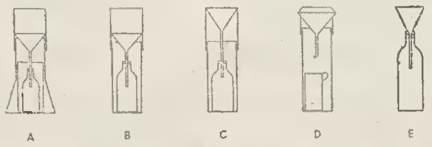
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3153

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Langsett Moor (Catclough)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1516 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7.91				
FEB.	7.87				
MAR.	4.70				
APRIL	3.28				
MAY	3.40				
JUNE	1.51				
JULY	3.49				
AUG.	1.16				
SEPT.	2.03				
OCT.	4.15				
NOV.	3.13				
DEC.	4.75				
TOTAL	47.38				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq M. Inst. C.E.
General Manager and Engineer
Water Dept., Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

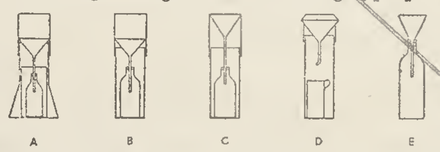
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3153

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1938.

At Langsett Moor, Catclough

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1516 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·07				
FEB.	2·79				
MAR.	1·92				
APRIL	·51				
MAY	3·83				
JUNE	4·05				
JULY	5·14				
AUG.	3·69				
SEPT.	3·51				
OCT.	11·20				
NOV.	6·21				
DEC.	5·35				
TOTAL	55·27				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

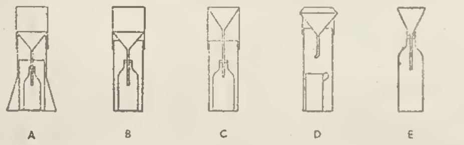
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3153

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Langsett Moor, Catchlough

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1516 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·93				
FEB.	4·40	✓			
MAR.	3·40	✓			
APRIL	2·98	✓			
MAY	2·34	✓			
JUNE	3·58	✓			
JULY	8·04	✓			
AUG.	2·48	✓			
SEPT.	2·48				
OCT.	4·74	✓			
NOV.	9·21	✓			
DEC.	4·93	✓			
TOTAL	55·51	✓			

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M. Inst C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

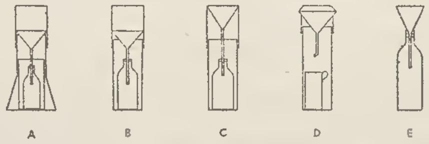
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3153

FORM 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Langsett Moor, Catchclough

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel ....8........ in.
- *Height of Top above Ground* ...1... *ft.* ...0... *in.*
- *Height of Ground above Sea Level* ...1516... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·81)				
FEB.	(3·64)				
MAR.	3·61				
APRIL	3·69				
MAY	1·39				
JUNE	·98				
JULY	3·94				
AUG.	1·69				
SEPT.	4·41				
OCT.	5·91				
NOV.	10·91				
DEC.	5·98				
TOTAL	50·99				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpⁿ Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter ....9 am.... in Summer ....9 am....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

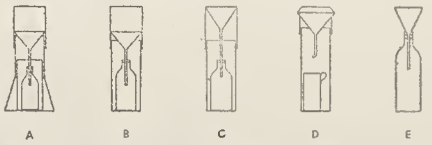
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly
Summar

t Moor 3154

3154

FIDDLERS GREEN
LANGSETT MOOR

1931- 1940

780601

*** The following register of monthly total
&c., is NOT required if daily or week
values are given on the other side.

also the space for

r should be sent:—
ral Manager &
eld Engineer

RAINFALL IN 1931

At Fiddlers Green

In the County of Yorkshire.

Summer 9 am

Direction from gauge

Direction from gauge

Rain Gauge
Diameter of Funnel As Before
Height of Top above Ground ft.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.22 ✓				
FEB.	6.26 ✓				
MAR.	.21 ✓				
APRIL	5.81 ✓				
MAY	3.14 ✓				
JUNE	6.25 ✓				
JULY	6.18 ✓				
AUG.	7.97 ✓				
SEPT.	6.21 ✓				
OCT.	2.42 ✓				
NOV.	5.92 ✓				
DEC.	2.84 ✓				
Total	59.43 ✓				

Signature John N [illegible]

*See Instruction 2 (*f*) below.

nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

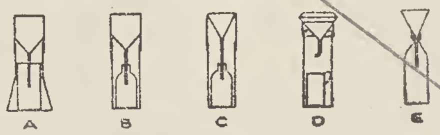
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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t Moor 3154

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Fiddlers Green

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 7 in.
- *Height of Top above Ground* ft. in.
- *Height of Ground above Sea Level* ft.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·22	✓			
FEB.	6·26	✓			
MAR.	·21	✓			
APRIL	5·81	✓			
MAY	3·14	✓			
JUNE	6·25	✓			
JULY	6·18	✓			
AUG.	7·97	✓			
SEPT.	6·21	✓			
OCT.	2·42	✓			
NOV.	5·92	✓			
DEC.	2·84	✓			
Total	59·43 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - M. Inst CE - General Manager & Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

As Before

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

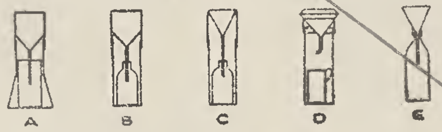
As Before

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3154

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Fiddlers Green.

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·38				
FEB.	·49				
MAR.	3·25				
APRIL	6·25				
MAY	6·07				
JUNE	·88				
JULY	4·77				
AUG.	2·94				
SEPT.	4·90				
OCT.	8·60				
NOV.	4·77				
DEC.	2·19				
Total	51·49 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Langsett Moor

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c|}17\\18\end{array}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Langsett Moor

3154

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Fiddlers Green

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·81				
FEB.	8·93				
MAR.	2·99				
APRIL	1·90				
MAY	2·01				
JUNE	3·14				
JULY	5·08				
AUG.	1·09				
SEPT.	1·88				
OCT.	5·99				
NOV.	3·10				
DEC.	·62				
Total	41·54				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales: M. Inst. C.E. Engineer & Manager
Sheffield Water Dept. Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

Langsett Moor
No 7.
3154

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Fiddlers Green.
In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·07				
FEB.	·24				
MAR.	3·56				
APRIL	3·20				
MAY	3·18				
JUNE	2·24				
JULY	3·42				
AUG.	3·66				
SEPT.	3·07				
OCT.	5·97				
NOV.	3·44				
DEC.	6·08				
Total	43·13 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq M. Inst CE - Engineer & Manager
Water Dept: Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

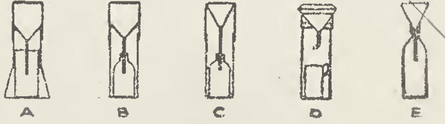
As Before.

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

11

Form 1090.

Langsett Moor.
3154

B Monthly Summary.

**** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1935

At Fiddlers Green

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ..... As Before ..... in.
- *Height of Top above Ground* ..... ft. ..... in.
- *Height of Ground above Sea Level* ..... ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	3·26				
Feb.	8·46				
Mar.	2·82				
April	3·91				
May	·53				
June	4·35				
July	2·45				
Aug.	2·67				
Sept.	7·16				
Oct.	11·82				
Nov.	8·41				
Dec.	4·78				
Total	60·62 ✓				

Signature John N. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7

✓

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J K Swales Esq M: Inst C.E. : Manager & Engineer
Water Dept : Town Hall : Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ..... Distance ..... Direction from gauge .....

Nearest Parish Church at ..... Distance ..... Direction from gauge .....

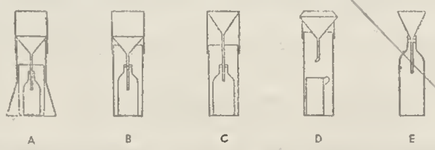
Nature of objects nearest to gauge				
Height of objects				
Distances ...		As Before		
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move ..... Distance ..... Direction .....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

.....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LANGSETT MOOR

3154

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Fiddlers Green.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel.................in.
- *Height of Top above Ground.........ft.............in.* As before.
- *Height of Ground above Sea Level* 1492 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.80				
FEB.	5.31				
MAR.	4.46				
APRIL	2.52				
MAY	2.03				
JUNE	5.41				
JULY	4.83				
AUG.	2.23				
SEPT.	6.98				
OCT.	5.65				
NOV.	7.34				
DEC.	4.66				
TOTAL	✓ 57.22	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.............................. Distance.................. Direction from gauge............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

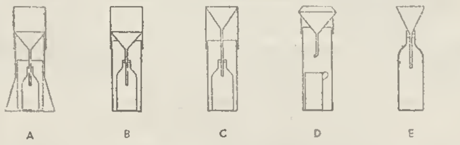
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 ·18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3154

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Langsett Moor (Fiddlers Green)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* 6 *in.*
- *Height of Ground above Sea Level* 1492 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·83 ✓				
FEB.	7·79 ✓				
MAR.	4·65				
APRIL	3·55				
MAY	3·35 ✓				
JUNE	1·66				
JULY	3·80 ✓				
AUG.	1·28 ✓				
SEPT.	1·79 ✓				
OCT.	3·90 ✓				
NOV.	3·20 ✓				
DEC.	4·72 ✓				
TOTAL	47·52 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

~~Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.~~

~~Nearest Railway Station .... Distance .... Direction from gauge ....~~

~~Nearest Parish Church at .... Distance .... Direction from gauge ....~~

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

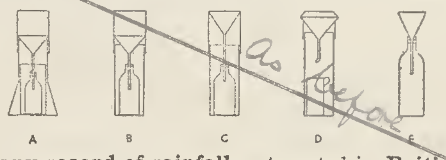
As before

If gauge has been moved during the year state— Turf wall from 1st March /1937

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



As before

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3154

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Langsett Moor, Fiddlers Green

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* 6 *in.*
- *Height of Ground above Sea Level* 1492 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·07 ✓				
FEB.	2·82 ✓				
MAR.	2·01 ✓				
APRIL	·54 ✓				
MAY	4·00 ✓				
JUNE	4·40 ✓				
JULY	4·97 ✓				
AUG.	3·18 ✓				
SEPT.	3·41 ✓				
OCT.	10·57 ✓				
NOV.	6·32 ✓				
DEC.	5·85 ✓				
TOTAL	55·14 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M. Inst. C.E., General Manager & Engineer.
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

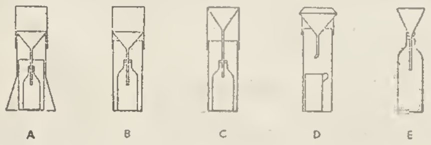
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVEL[illegible] FORM.
VALU[illegible] MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3154

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Langsett Moor, Fiddlers Green

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 ft. 6 in.
- *Height of Ground above Sea Level* 1492 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·04				
FEB.	4·59				
MAR.	4·02				
APRIL	3·26				
MAY	2·98				
JUNE	3·57				
JULY	7·61				
AUG.	2·49				
SEPT.	2·60				
OCT.	4·82				
NOV.	9·45				
DEC.	5·08				
TOTAL	57·51				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

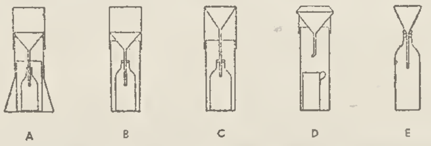
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3154

FORM 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Langsett Moor, Fiddlers Green

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft.* 6 *in.*
Height of Ground above Sea Level 1492 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·44)				
FEB.	(3·79)				
MAR.	4·51	✓			
APRIL	4·09	✓			
MAY	1·22	✓			
JUNE	1·02	✓			
JULY	5·28	✓			
AUG.	2·50	✓			
SEPT.	4·81	✓			
OCT.	5·90	✓			
NOV.	10·15				
DEC.	5·64				
TOTAL	53·68	✓			

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

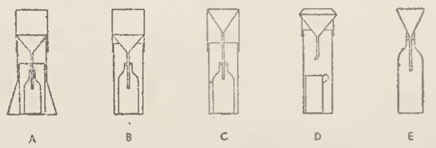
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

4

LANGSETT MOOR/FIDDLERS G

FORM 1090.

B Mo
Su

3154/1

LANGSETT MOOR
FIDDLERS GREEN No 31
1931 - 1940

Y80601

ngsett Moor.

3154/1

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*** The following register of mont
&c., is required if daily o
values are not given on the oth

on and also the space for

s register should be sent:—

eral Manager & Engineer
eld

RAINFALL IN 193

At Loftshaw Brook

In the County of Yorkshire

in Summer 9 a.m.

ce 1 15/16 miles Direction from gauge N.N.E.

ce 3 7/8 Direction from gauge E.N.E.

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 ft
Height of Ground above Sea Level 1

oorland.

Heights of objects	0.	58.24.26	
Distances	24 yds.	1. 46.25	
Directions from gauge	W.		

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	6.40	✓			
FEB.	6.20	✓			
MAR.	.44	✓			
APRIL	6.22	✓			
MAY	3.26	✓			
JUNE	6.29	✓			
JULY	6.15	✓			
AUG.	8.13	✓			
SEPT.	6.38	✓			
OCT.	2.47	✓			
NOV.	6.29	✓			
DEC.	2.76	✓			
Total	60.99	✓			

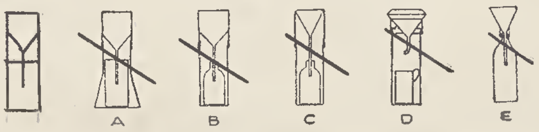
Signature John K Swales

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: New Check Gauge on Fiddlers Green from Jan 1: 1931.

O.S. map No 37. E.6.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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LANGSETT MOOR/FIDDLER'S GR ngsett Moor.

3154/1

WR 7

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals &c., is required if daily or weekly values are not given on the other side.

RAINFALL IN 1934

At Loftshaw. Brook · No 31

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 1480 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	6·40	✓			
FEB.	6·20	✓			
MAR.	·44	✓			
APRIL	6·22	✓			
MAY	3·26	✓			
JUNE	6·29	✓			
JULY	6·15	✓			
AUG.	8·13	✓			
SEPT.	6·38	✓			
OCT.	2·47	✓			
NOV.	6·29	✓			
DEC.	2·76	✓			
Total	60·99	✓			

Signature John K Swales

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K Swales - M. Inst CE - General Manager & Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Dunford Bridge Distance 1 15/16 miles Direction from gauge N.N.E.

Nearest Parish Church at Langsett Distance 3 7/8 Direction from gauge E.NE.

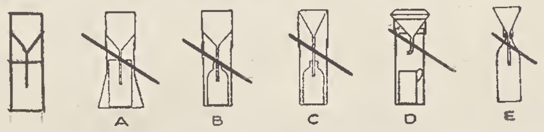
Nature of objects nearest to gauge	Loftshaw Brook	Open Moorland.		
Heights of objects	0.	53.29.26		
Distances ..	24 yds.	1. 46.25		
Directions from gauge ..	W.			

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note: New Check Gauge on Fiddlers Green from Jan 1: 1931.

O.S. map No 37 E.6

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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40-9999

N

3154/1

Langsett Moor

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932
(New Gauge)

At Fiddlers Green

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·03				
FEB.	·52				
MAR.	3·39				
APRIL	6·17				
MAY	6·39				
JUNE	1·02				
JULY	5·09				
AUG.	2·97				
SEPT.	4·77				
OCT.	8·65				
NOV.	5·18				
DEC.	2·32				
Total	52·50 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst. C.E.- Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

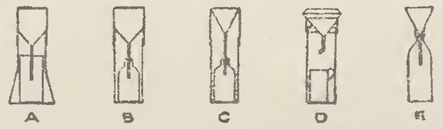
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Langsett Moor:

3154/1

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Loftshaw Brook *

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground 3ft. .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·49				
FEB.	8·74				
MAR.	3·27				
APRIL	2·03				
MAY	2·12				
JUNE	2·89				
JULY	5·02				
AUG.	1·12				
SEPT.	2·03				
OCT.	5·89				
NOV.	3·53				
DEC.	·70				
Total	41·83				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M. Inst C.E. Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m in Summer 9 a.m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge ....

Heights of objects ....

Distances ....

Directions from gauge ....

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any **record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

* or Fiddlers Green Check Gauge

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

C Particulars of Station. No 7

Langsett Moor

3154/1

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Loftshaw Brook or — Fiddlers Green Check

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ...... in.
- *Height of Top above Ground* ...... ft *in.*
- *Height of Ground above Sea Level* ...... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·09				
FEB.	·41				
MAR.	4·19				
APRIL	3·42				
MAY	3·19				
JUNE	2·13				
JULY	3·11				
AUG.	3·61				
SEPT.	3·11				
OCT.	5·51				
NOV.	3·63				
DEC.	6·53				
Total	43·93				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq. M. Inst. C.E. Engineer & Manager

Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

A

B

C

D

E

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

......

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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11

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

(Fiddlers Green Check)

At Loftshaw Brook

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground ....ft. ....in.

Height of Ground above Sea Level ....ft.

as before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·32				
FEB.	7·38				
MAR.	2·80				
APRIL	3·83				
MAY	·60				
JUNE	4·57				
JULY	2·40				
AUG.	2·77				
SEPT.	7·15				
OCT.	10·73				
NOV.	9·16				
DEC.	4·87				
TOTAL	5 ~~4~~9·58				

Signature John N Swales

*See Instruction 2 (*f*) below.

Langsett Moor

3164/1

C Particulars of Station, No 7

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E. Manager & Engineer

Water Dept. Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

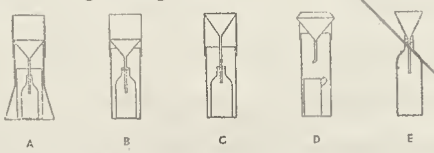
as before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

corrected for arith.

[illegible]

notified 6/7/36 notifying obsr

obsr. concurs

[illegible]

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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LANGSETT MOOR
3154/1

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Loftshaw Brook (Fiddlers Green)

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel..................in.
Height of Top above Ground As before. *ft.* ....*in.*
Height of Ground above Sea Level 1480 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.84				
FEB.	5.36				
MAR.	4.54				
APRIL	2.73				
MAY	2.07				
JUNE	5.19				
JULY	5.06				
AUG.	2.45				
SEPT.	7.48				
OCT.	5.55				
NOV.	7.18				
DEC.	4.81 ✓				
TOTAL	58.26 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

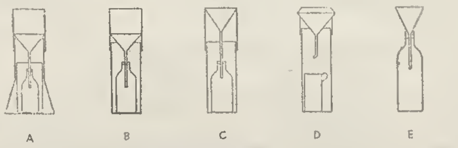
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.............................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Printed under the authority of His Majesty's Stationery Office by Wm. Hobbs & Sons, Ltd., Stone Street, Maidstone.
Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3154/1

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Langsett Moor (Fiddlers G.) ~~gauge~~ check

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1480 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·19 ✓				
FEB.	7·93				
MAR.	4·73 ✓				
APRIL	3·61 ✓				
MAY	3·39 ✓				
JUNE	1·58 ✓				
JULY	3·95 ✓				
AUG.	1·43 ✓				
SEPT.	1·93				
OCT.	4·22 ✓				
NOV.	3·28 ✓				
DEC.	4·84 ✓				
TOTAL	49·08 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

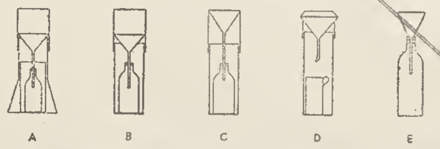
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3154/1

Form 1090.

B Monthly Summary.

⁎⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

No 31

At Langsett Moor, Fiddlers Green

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 1480 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·14 ✓				
FEB.	2·81 ✓				
MAR.	2·14 ✓				
APRIL	·51				
MAY	4·08 ✓				
JUNE	4·45 ✓				
JULY	4·99				
AUG.	3·33 ✓				
SEPT.	3·34				
OCT.	10·~~8~~37 ✓				
NOV.	6·10 ✓				
DEC.	5·68 ✓				
TOTAL	54·94 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M.Inst.C.E., General Manager & Engineer.
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

check gauge

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

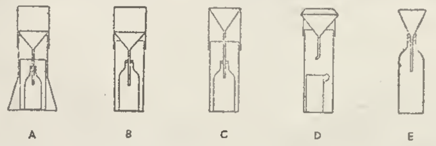
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM
VALUE [illegible] MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3154/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939. Loxley and Broom.

Nº 31

At Langsett Moor, Fiddlers Green check gauge.

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 1480 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more *	Number of Days with ·04 in. or more *
	Inches	Inches	Date		
JAN.	7·05	✓			
FEB.	4·21	✓			
MAR.	3·61 ✓				
APRIL	3·26	✓			
MAY	3·05	✓			
JUNE	3·63	✓			
JULY	7·94	✓			
AUG.	2·47	✓			
SEPT.	2·53	✓			
OCT.	5·14	✓			
NOV.	9·55	✓			
DEC.	4·96				
TOTAL	57·40				

Signature J. K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

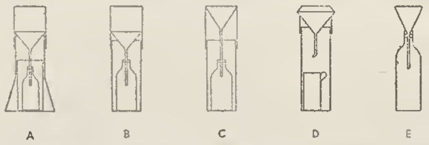
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3154/1

FORM 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19340

Loftshaw Brook

At Langsett Moor, Fiddlers Green No 31

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1480 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·85)				
FEB.	(3·81)				
MAR.	4·28				
APRIL	3·83				
MAY	1·18				
JUNE	·97				
JULY	5·28	✓			
AUG.	1·96	✓			
SEPT.	4·39				
OCT.	5·93				
NOV.	10·04				
DEC.	5·42				
TOTAL	51·97				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Check gauge

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

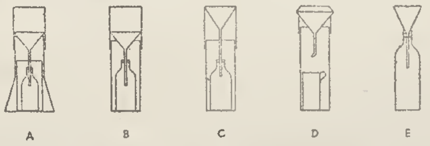
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
 (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
 (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

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(h) The heaviest daily fall for each month should be underlined.

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S.O. Code No. 40-9999

X DUNFRD BRIDGE (

3154/1/7

FORM 1090.

3154/1/7

DUNFORD BRIDGE
WOODLAND CLOUGH No 11
1938 - 1940

780601

B ation.

** The following register of
&c., is NOT required
values are given on th

section and also the space for
g to this register should be sent :—

RAINFALL IN

§

At Woodland Clough

In the County of Yor

m GMT in ~~Summer~~

Distance 2400 yds Direction from gauge E 78° N.

Distance.................. Direction from gauge...........

Rain Gauge
Diameter of Funnel.....
Height of Top above Ground.......
Height of Ground above Sea Level 1440 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·05				
FEB.	3·30				
MAR.	2·45				
APRIL	(·75) ~~EMPTIED~~ BY SOME PERSON UNKNOWN				
MAY	4·05				
JUNE	4·75				
JULY	5·05				
AUG.	3·25				
SEPT.	3·30				
OCT.	12·10				
NOV.	7·20				
DEC.	6·35				
TOTAL	60·60 ~~59·85~~	Excluding April.			

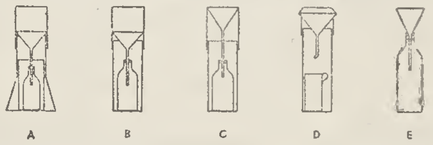
nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Pan
GB 8/3

8/9/38/29

M.O. 7
13 JAN. 1939

Signature Geo. E. V. Boldry

X G.E.V. BOLDRY ESQ C.E. X

april est'd from nearby stns.

* See Instruction 3 (*f*) below.

§ Turf wall round gauge (B.R. footnote)

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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N

X DUNFORD BRIDGE

315 – 1/7

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

§

At HOODLAND CLOUGH (No. 11)

In the County of YORKSHIRE

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1140 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	8·05				
FEB.	3·30				
MAR.	2·45				
APRIL	(·75) EMPTIED BY SOME PERSON UNKNOWN				
MAY	4·05				
JUNE	4·45				
JULY	5·05				
AUG.	3·25				
SEPT.	3·30				
OCT.	12·10				
NOV.	7·20				
DEC.	6·35				
TOTAL	60·60 ~~59·85~~	Excluding April.			

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ C.E. X

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in ~~Winter~~ 9 am G.M.T. in ~~Summer~~

Nearest Railway Station Dunford Bridge Distance 2400 yds Direction from gauge E 78° N.

Nearest Parish Church at .... Distance .... Direction from gauge ....

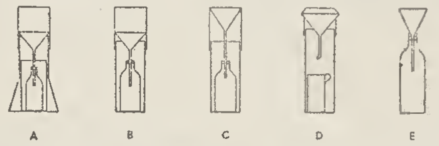
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Pr GB 8/3

829578/29

april est'd from nearby stns.

M.O. 7
13 JAN. 1939

§ Turf wall round gauge (B.R. footnote)

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

FORM 1090.

B ~~Monthly~~ Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Woodland Clough no 11
In the County of Yorkshire W.R.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* - *in.*
Height of Ground above Sea Level 1440 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·00				
FEB.	5·80				
MAR.	4·25				
APRIL	3·45				
MAY	2·85				
JUNE	3·65				
JULY	7·75				
AUG.	2·35				
SEPT.	2·25				
OCT.	5·25				
NOV.	10·25				
DEC.	5·60				
TOTAL	63·45				

Signature Geo E V Boldy

* See Instruction 3 *(f)* below.

C Particulars of Station.

ho 3154/1/7.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Dunford Bridge Distance 2400 yds Direction from gauge E Y 8 N

Nearest Parish Church at Distance Direction from gauge

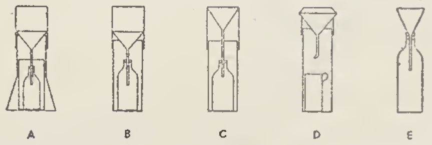
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~Monthly~~

M.O.
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3154/1/7

Form 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Woodland Clough No 11

In the County of Yorkshire W.R.

Rain Gauge
Diameter of Funnel 5" in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1440 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	~~(3·80)~~ Rain Gauge flooded,				
FEB.	(3·75) owing to thaw.				
MAR.	4·80				
APRIL	4·50				
MAY	1·10				
JUNE	1·00				
JULY	5·00				
AUG.	2·50				
SEPT.	4·85				
OCT.	6·10				
NOV.	10·50				
DEC.	6·25				
TOTAL	~~(53·90)~~ ~~46·60~~ (54·15)				

Signature Geo. E. V. Boldry

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Dewsbury + Heckmondwike Waterworks Board
Engineer's Office 10 Church St. Dewsbury

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Dunford Bridge Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance 2400 Direction from gauge E 78 N

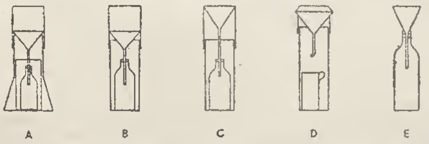
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan Feb. Estd } [illegible]

Accs.

M. O.
6 FEB 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

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S.O. Code No. 40-9999

X DUNFORD BRIDGE

3154/2

DUNFORD BRIDGE
BROWNS CLOUGH
Nº 10
1938 - 1940

780601

FORM 1090.

E

Station.

3154/2

, The following registe
&c., is NOT requir
values are given or

this section and also the space for

ating to this register should be sent :—

............s Office............

RAINFALL

At § BROWNS CLO

9am in ~~Summer~~ GMT

In the County of ....Y

Distance 2600 yds. Direction from gauge E 55° N.

Distance.................. Direction from gauge...........

Rain Gauge
Diameter of Funnel.
Height of Top above Gro
Height of Ground above Sea Level....1405....*ft.*

	nearest to gauge					
	Height of objects					
	Distances ...					
	Directions from gauge ...					

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·10				
FEB.	3·80				
MAR.	2·75				
APRIL	·85				
MAY	4·35				
JUNE	5·35				
JULY	5·05				
AUG.	3·50				
SEPT.	3·30				
OCT.	~~9·50~~	(12·90)			
NOV.	8·15				
DEC.	7·25				
TOTAL	~~62·95~~ 66·35	✓			

Signature ......Geo. E. V. Boldry......

X GEV. BOLDRY ESQ C.E. X

Pr C/b 8/3

§ Turf wall round gauge (BR footnote)

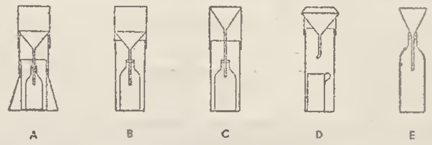
* See Instruction 3 (*f*) below.

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Oct. adjusted by surrounding stns.
gauge overflowing.

f 8995 18/29

D INSTRUCTIONS.

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S.O. Code No. 40-9999

N

X DUNFORD BRIDGE

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.8.

At .§ BROWNS CLOUGH (No 10).

In the County of .YORKSHIRE.

Rain Gauge
- Diameter of Funnel .5". in.
- *Height of Top above Ground* .1. *ft.* .—. *in.*
- *Height of Ground above Sea Level* .1405-. *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·10				
FEB.	3·80				
MAR.	2·75				
APRIL	·85				
MAY	4·35				
JUNE	5·35				
JULY	5·05				
AUG.	3·50				
SEPT.	3·30				
OCT.	~~9·50~~ (12·90)				
NOV.	8·15				
DEC.	7·25				
TOTAL	~~62·95~~ 66·35 ✓				

Signature .Geo E V Boldry.

X G.E.V. BOLDRY ESQ C.E. X

Pnd Cb 8/3

§ Turf wall round gauge (BR footnote)

* See Instruction 3 (*f*) below.

C Particulars of Station.

3154/2

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Water Engineers Office

Dewsbury.

Hour of observation by the clock ~~in Winter~~ .9 am. in ~~Summer~~ .G.M.T.

Nearest Railway Station............ Distance .2600 yds. Direction from gauge .E 55° N.

Nearest Parish Church at............ Distance............ Direction from gauge............

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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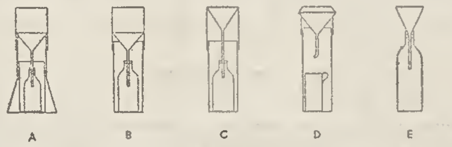

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Oct. adjusted by surrounding stns.

Gauge overflowing.

§ 8995 18/29

D INSTRUCTIONS.

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(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

N

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 193....

At Brown's Clough No 10

In the County of Yorkshire W.R.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* ... *in.*
- *Height of Ground above Sea Level* 1405 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·10				
FEB.	6·50				
MAR.	4·75				
APRIL	3·60				
MAY	2·60				
JUNE	3·60				
JULY	8·60				
AUG.	2·30				
SEPT.	2·45				
OCT.	4·85				
NOV.	11·75				
DEC.	5·65				
TOTAL	66·75				

Signature Geo. E. V. Boldy

* See Instruction 3 (*f*) below.

C Particulars of Station.

No. 3154/2

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am. in Summer 9 am.

Nearest Railway Station Dunford Bridge Distance 2600 yds Direction from gauge E 55 N

Nearest Parish Church at .... Distance .... Direction from gauge ....

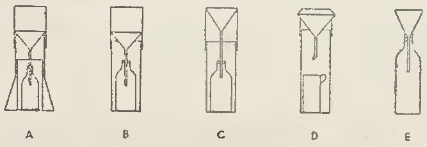
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\big\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3154/2

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.40

At Brown's Clough No 10

In the County of Yorkshire WR

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1405 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·70) Not taken owing to Big Snow				
FEB.	(3·85) ~~7·75~~				
MAR.	5·75				
APRIL	5·40				
MAY	1·00				
JUNE	·90				
JULY	5·40				
AUG.	3·00				
SEPT.	5·70				
OCT.	6·55				
NOV.	11·75				
DEC.	7·50				
TOTAL	(60·50) ~~61·70~~				

Signature Geo. E. V. Boldey

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Dewsbury & Heckmondwike Waterworks Board
Engineer's Office 10 Church St. Dewsbury

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Dunford Bridge Distance 2600 Direction from gauge E 55 N

Nearest Parish Church at .... Distance .... Direction from gauge ....

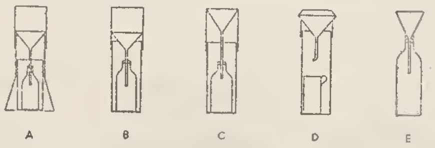
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan Feb. adj for snow reading too big originally

Acc.

M. O. 3
6 FEB 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3155

BORDER HILL

1931 - 1940

780601

3155

FORM 1090. **B** …n.

*** The following register of m… …ection and also the space for
&c., is NOT required if da…
values are given on the oth…

…o this register should be sent:— - General Manager and Engineer Sheffield

RAINFALL IN 1…

At Border Hill

In the County of Yorksh…

…am in Summer 9 am

Distance .... Direction from gauge ....

Distance .... Direction from gauge ....

Rain Gauge { Diameter of Funnel ....
Height of Top above Ground ....
Height of Ground above Sea Level .... ft.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.22	✓			
FEB.	6.36	✓			
MAR.	.26	✓			
APRIL	6.02	✓			
MAY	3.00	✓			
JUNE	5.54	✓			
JULY	5.24	✓			
AUG.	7.10	✓			
SEPT.	5.79	✓			
OCT.	2.20	✓			
NOV.	6.04	✓			
DEC.	2.42	✓			
Total	55.19	✓			

Signature

*See Instruction 2 (*f*) below.

As Before

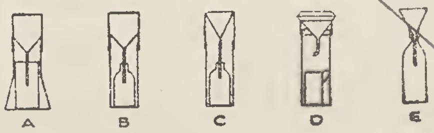
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note gauge lowered to 1 ft (top above ground) Jan 1. 1931.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

3155

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Border Hill

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5·22 ✓				
FEB.	6·36 ✓				
MAR.	·26 ✓				
APRIL	6·02 ✓				
MAY	3·00 ✓				
JUNE	5·54 ✓				
JULY	5·24 ✓				
AUG.	7·10 ✓				
SEPT.	5·79 ✓				
OCT.	2·20 ✓				
NOV.	6·04 ✓				
DEC.	2·42 ✓				
Total	55·19 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K Swales M. Inst CE - General Manager and Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note gauge lowered to 1 ft (top above ground) Jan 1. 1931.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(*h*) The heaviest daily fall for each month should be underlined.

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3155

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Border Hill

In the County of Yorkshire

Rain Gauge { Diameter of Funnel..................in.

Height of Top above Ground..........*ft*..........*in.*

Height of Ground above Sea Level..........*ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5.51				
FEB.	·43				
MAR.	2.98				
APRIL	6.01				
MAY	5.79				
JUNE	.87				
JULY	4.62				
AUG.	2.66				
SEPT.	3.80				
OCT.	8.00				
NOV.	4.53				
DEC.	1.83				
Total	47.03 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Langsett Moor

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst C.E. Engineer & Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter.................. in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

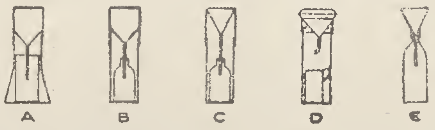
As Before

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Langsett Moor

3155

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Border Hill.

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·28				
FEB.	8·45				
MAR.	2·93				
APRIL	1·59				
MAY	2·02				
JUNE	2·93				
JULY	3·91				
AUG.	·92				
SEPT.	1·96				
OCT.	6·00				
NOV.	2·47				
DEC.	·71				
Total	38·17 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J·K·Swales · M·Inst·C·E· Engineer & Manager
Water Dept· Town Hall· Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you **know** of any **record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Border Hill

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·92				
FEB.	·28				
MAR.	4·72				
APRIL	3·02				
MAY	3·04				
JUNE	1·91				
JULY	2.85				
AUG.	3·45				
SEPT.	3·27				
OCT.	5·88				
NOV.	3·14				
DEC.	6.00				
Total	42·48				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7.

Langsett Moor

3155

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a m

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at: Distance Direction from gauge

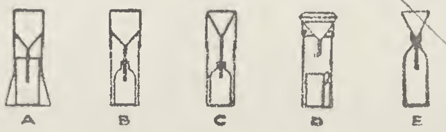
Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Langsett Moor

3155

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Border Hill

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ...... in.
- *Height of Top above Ground* ...... ft. ...... in.
- *Height of Ground above Sea Level* ...... ft.

as Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·24				
FEB.	9·02				
MAR.	2·71				
APRIL	4·05				
MAY	·62				
JUNE	5·13				
JULY	2·31				
AUG.	2·06				
SEPT.	7·32				
OCT.	12·65				
NOV.	8·74				
DEC.	4·46				
TOTAL	62·31				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, No 7.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J.K. Swales Esq M. Inst.C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

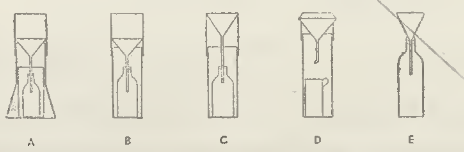
as Before

If gauge has been moved during the year state –

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

......

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LANGSETT MOOR

3155

Form 1030.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1936.

At Border Hill.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel ......in.
- *Height of Top above Ground* ......ft. ......in. As before.
- *Height of Ground above Sea Level* ......ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.51				
FEB.	5.04				
MAR.	4.35				
APRIL	2.02				
MAY	1.63				
JUNE	4.99				
JULY	4.09				
AUG.	1.78				
SEPT.	6.15				
OCT.	6.22				
NOV.	8.37				
DEC.	5.32				
TOTAL	55.47				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

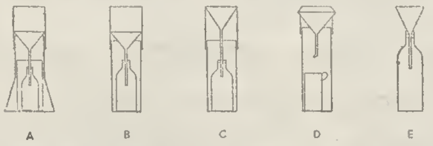
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

......

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3155

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Langsett Moor (Border Hill)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1148 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·71				
FEB.	7·43				
MAR.	4·41				
APRIL	3·26				
MAY	2·97				
JUNE	1·79				
JULY	3·01				
AUG.	1·12				
SEPT.	1·87				
OCT.	3·62				
NOV.	2·53				
DEC.	4·49				
TOTAL	43·21				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

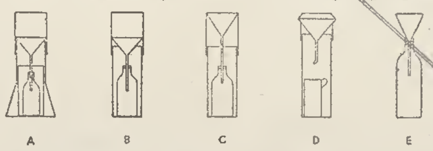
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3155

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Langsett Moor, Border Hill

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1148 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·11				
FEB.	2·85				
MAR.	1·70				
APRIL	·65				
MAY	3·50				
JUNE	4·33				
JULY	4·29				
AUG.	2·94				
SEPT.	2·71				
OCT.	11·33				
NOV.	6·88				
DEC.	4·79				
TOTAL	53·08				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer

Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

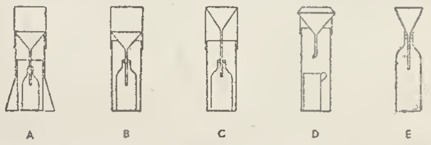
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FOR[illegible]ED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3155

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Langsett Moor, Border Hill

In the County of W.R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1148 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·79				
FEB.	4·80	✓			
MAR.	3·90	✓			
APRIL	2·69	✓			
MAY	2·39	✓			
JUNE	2·85	✓			
JULY	6·45	✓			
AUG.	1·94	✓			
SEPT.	2·31	✓			
OCT.	3·88	✓			
NOV.	9·57	✓			
DEC.	4·83	✓			
TOTAL	52·40	✓			

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

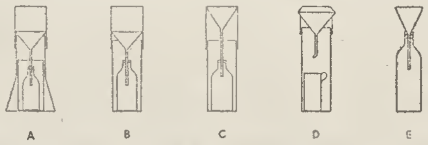
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3155

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40.

At Langsett Moor, Border Hill

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1148 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·55				
FEB.	(3·59)				
MAR.	3·88				
APRIL	3·87				
MAY	·90				
JUNE	·84				
JULY	4·28				
AUG.	2·04				
SEPT.	4·39				
OCT.	6·22				
NOV.	9·50				
DEC.	5·71				
TOTAL	49·77				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E., General Manager & Engineer
Sheffield Corpⁿ Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

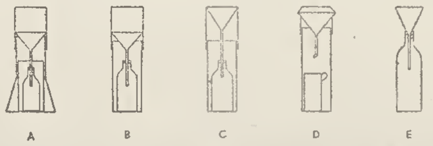
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

ett Moor 3156

Section **A** for the entry of D

AIR MINISTRY.

OPY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGIST

3156

SWINDEN LODGE

1931 - 1940

780601

Kept at Swinden Lodge

in the County of Yorkshir

Diameter of Funnel of Gauge 8

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

THE MORNING MEASUR

An observer who does not conform to th *ollowing year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.04	–	.02	.07	–	.38	–	.01	.08	.03	–	–	1
2	.01	.09	–	.60	.01	.39	.01	–	.23	.06	.04	.08	2
3	–	–	–	.10	–	.07	.11	–	1.70	–	.80	.42	3
4	–	.08	–	.72	–	.01	.27	.20	2.72	.02	.23	.34	4
5	–	.02	–	–	.11	.94	.05	.86	.07	–	.02	.52	5
6	–	.14	–	–	–	.22	.68	–	.08	.34	.12	.01	6
7	–	–	–	–	–	.20	.06	.85	–	.38	.19	.06	7
8	.02	.20	.03	.01	.05	–	.10	.61	–	.10	.18	–	8
9	.01	1.01	.05	.18	.03	.15	–	.20	.10	.04	.36	.02	9
10	.06	.37	.02	–	.07	.13	–	.21	.03	–	.25	–	10
11	.32	.88	–	–	–	.01	.04	–	.23	–	.14	–	11
12	.05	.07	–	.01	–	–	1.00	–	.02	.09	.24	–	12
13	.01	–	.06	–	.04	.03	.02	.07	–	–	–	–	13
14	.09	.02	.01	.01	.05	.83	.16	1.02	–	–	.44	.01	14
15	.34	.47	–	.06	.08	–	.17	.14	.01	–	.02	.11	15
16	1.41	.10	–	.66	.17	.59	.08	.68	.09	.01	–	–	16
17	.02	.08	–	.50	.10	.06	.67	1.02	–	.01	.02	–	17
18	.25	.02	–	.50	–	.65	.24	.07	.01	.01	1.04	–	18
19	.06	.17	–	.13	–	.19	.14	.22	.09	.03	.02	–	19
20	.02	.21	.01	.10	–	.01	–	.62	–	.03	.06	.02	20
21	.46	.06	–	–	.43	.07	–	.12	–	–	.04	–	21
22	.12	.12	–	.01	.36	.02	.02	–	.02	–	.01	–	22
23	.93	.01	–	.45	.27	.21	.18	–	.02	–	.42	.11	23
24	.15	.20	–	.39	.53	–	.09	–	–	.01	.01	.17	24
25	.20	1.07	–	.50	.02	–	.10	–	–	–	.05	.06	25
26	.08	.10	–	.42	–	–	–	–	–	–	.38	.04	26
27	.64	.12	–	.02	.07	–	.38	–	–	.28	.76	.34	27
28	.49	.32	.01	.14	.40	.03	.08	–	.02	–	.01	.02	28
29	.40		–	.01	.26	–	.19	–	–	.65	.01	–	29
30	.01	✕	–	.04	.12	–	–	–	.01	–	.01	–	30
31	.09	✕	–	✕	–	✕	.01	–	✕	.01	✕	.05	31
TOTAL	6.28	5.93	.21	5.63	3.17	5.19	4.85	6.90	5.53	2.10	5.87	2.38	YEAR'S TOTAL 54.04
*Days with ·01 in. or more.	26	24	8	23	19	21	24	16	18	17	27	17	240
*Days with ·04 in. or more.	19	20	2	17	16	15	20	15	10	8	18	12	172

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(Signed) John N. Swales [P.T.O.

*See Instruction 2 (*f*) on other side.

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[redacted]ett Moor 3156

Section **A** for the entry of D~~aily Observations~~ COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Swinden Lodge
in the County of Yorkshire
Diameter of Funnel of Gauge 8" in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 1032 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	-	·02	·07	-	·38	-	·01	·08	·03	-	-	1
2	·01	·09	-	·60	·01	·39	·01	-	·23	·06	·04	·08	2
3	-	-	-	·10	-	·07	·11	-	1·70	-	·80	·42	3
4	-	·08	-	·72	-	·01	·27	·20	2·72	·02	·23	·34	4
5	-	·02	-	-	·11	·94	·05	·86	·07	-	·02	·52	5
6	-	·14	-	-	-	·22	·68	-	·08	·34	·12	·01	6
7	-	-	-	-	-	·20	·06	·85	-	·38	·19	·06	7
8	·02	·20	·03	·01	·05	-	·10	·61	-	·10	·18	-	8
9	·01	1·01	·05	·18	·03	·15	-	·20	·10	·04	·36	·02	9
10	·06	·37	·02	-	·07	·13	-	·21	·03	-	·25	-	10
11	·32	·88	-	-	-	·01	·04	-	·23	-	·14	-	11
12	·05	·07	-	·01	-	-	1·00	-	·02	·09	·24	-	12
13	·01	-	·06	-	·04	·03	·02	·07	-	-	-	-	13
14	·09	·02	·01	·01	·05	·83	·16	1·02	-	-	·44	·01	14
15	·34	·47	-	·06	·08	-	·17	·14	·01	-	·02	·11	15
16	1·41	·10	-	·66	·17	·59	·08	·68	·09	·01	-	-	16
17	·02	·08	-	·50	·10	·06	·67	1·02	-	·01	·02	-	17
18	·25	·02	-	·50	-	·65	·24	·07	·01	·01	1·04	-	18
19	·06	·17	-	·13	-	·19	·14	·22	·09	·03	·02	-	19
20	·02	·21	·01	·10	-	·01	-	·62	-	·03	·06	·02	20
21	·46	·06	-	-	·43	·07	-	·12	-	-	·04	-	21
22	·12	·12	-	·01	·36	·02	·02	-	·02	-	·01	-	22
23	·93	·01	-	·45	·27	·21	·18	-	·02	-	·42	·11	23
24	·15	·20	-	·39	·53	-	·09	-	-	·01	·01	·17	24
25	·20	1·07	-	·50	·02	-	·10	-	-	-	·05	·06	25
26	·08	·10	-	·42	-	-	-	-	-	-	·38	·04	26
27	·64	·12	-	·02	·07	-	·38	-	-	·28	·76	·34	27
28	·49	·32	·01	·14	·40	·03	·08	-	·02	-	·01	·02	28
29	·40		-	·01	·26	-	·19	-	-	·65	·01	-	29
30	·01	✕	-	·04	·12	-	-	-	·01	-	·01	-	30
31	·09	✕	-	✕	-	✕	·01	-	✕	·01	✕	·05	31
TOTAL	6·28	5·93	·21	5·63	3·17	5·19	4·85	6·90	5·53	2·10	5·87	2·38	YEAR'S TOTAL 54·04
*Days with ·01 in. or more.	26	24	8	23	19	21	24	16	18	17	27	17	240
*Days with ·04 in. or more.	19	20	2	17	16	15	20	15	10	8	18	12	172

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(Signed) John N. Swales [P.T.O.

*See Instruction 2 (*f*) on other side.

4

3156

COPY FOR OFFICIAL USE. Langsett Moor.

Section **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Swinden Lodge

in the County of Yorkshire

Diameter of Funnel of Gauge as Before in.

Height of top of Gauge above Ground ft in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·65	·02	-	·15	·63	·01	·25	·04	·50	·25	·09	·08	1
2	·85	-	-	-	·49	-	-	·01	·84	·24	·12	·25	2
3	·24	-	-	·03	·01	-	·24	-	·13	-	·02	·33	3
4	·03	·02	-	·15	-	-	-	-	-	·01	·12	·01	4
5	·78	·01	22	·32	·06	-	·02	·02	·05	-	-	-	5
6	1·22	-	·17	1·31	·03	-	·03	-	·11	-	-	-	6
7	·06	-	1·08	·36	·03	-	·01	-	·37	·16	·04	-	7
8	-	·01	-	·21	-	-	-	-	·20	·49	·02	-	8
9	·31	·09	-	·77	·02	-	-	-	·01	-	-	·04	9
10	·41	·01	-	·16	-	-	-	-	·46	·31	-	·13	10
11	·06	·02	-	·05	·34	·15	·79	-	·04	·06	·03	-	11
12	·32	·01	-	·01	·11	·20	·36	·02	-	·38	·04	-	12
13	·02	·10	·01	·21	·06	-	·83	·02	·14	1·17	·06	·06	13
14	·13	·01	-	·16	-	-	·19	·04	-	·08	·21	·07	14
15	-	-	-	·03	·21	-	-	-	-	·18	·03	·04	15
16	·79	-	·01	·29	·02	-	·04	-	·02	·11	·02	·02	16
17	-	-	-	·01	-	-	·09	·01	·05	·83	·02	-	17
18	-	-	-		·01	-		·01	·01	-	·02	-	18
19	-	·01	·04	·22	·10	-		·03	-	·19	-	-	19
20	-	-	-	·27	·50	-	·06	·93	-	·24	·07	-	20
21	-	-	·25	·12	1·35	-		1·18	-	·75	·13	·09	21
22	·01	-	·10	·11	·40	-	·13	-	·11	·08	1·44	·08	22
23	·01	·03	-	·24	·13	-	·03	-	-	·10	·19	·09	23
24	·01	-	-	·07	-	·01	·26	-	·09	·01	·28	·03	24
25	-	·08	-	·07	·03	·01	·06	·02	·09	·53	·14	-	25
26	-	·03	-	·27	·53	-	·14	-	·05	·49	·56	-	26
27	-	-	·40	·13	·40	·04	·25	-	-	·03	·19	-	27
28	-	-	·11	·18	·19	·02	·15	·19	-	·01	-	·03	28
29	·01	-	·38	·10	·19	·03	·12	·06	·21	·86	·14	·22	29
30	-	X	·12	·03	·17	·38	·05	·12	·14	·09	·40	·09	30
31	·01	X	·13	X	·02	X	·34	-	X	-	X	·10	31
TOTAL	5·92 ✓	·45 ✓	3·02 ✓	6·03 ✓	6·03 ✓	·85 ✓	4·44 ✓	2·70 ✓	3·62 ✓	7·65 ✓	4·38 ✓	1·76 ✓	YEAR'S TOTAL 46·85 ✓
*Days with ·01 in. or more.	19· ✓	14· ✓	13· ✓	28· ✓	25· ✓	9· ✓	22· ✓	15· ✓	20· ✓	25· ✓	24· ✓	18· ✓	232 ✓
*Days with ·04 in. or more.	12· ✓	3 ✓	11 ✓	23· ✓	17· ✓	4· ✓	18· ✓	7· ✓	17· ✓	21· ✓	17· ✓	14· ✓	164 ✓

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*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE. Langsett Moor

Section **A** for the entry of Daily Observations. Station No. 3156

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Swinden Lodge

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·10	·92	·07	-	-	-	-	-	-	·01	·17	-		1
2	·45	-	·29	·08	-	-	-	-	-	-	·11	-		2
3	·05	·35	·10	-	·23	-	-	-	-	-	·07	-		3
4	·22	·17	·21	-	·12	-	-	-	-	-	-	-		4
5	·33	·37	·12	-	·17	-	-	-	-	-	-	-		5
6	·04	·09	·03	-	·37	-	-	-	-	-	·01	·09		6
7	·17	·17	·08	-	·15	-	·12	·01	-	·98	-	·02		7
8	·22	·09	·04	·02	·04	·01	·85	-	-	-	-	·06		8
9	-	·52	-	·10	·05	-	·37	-	-	·65	·09	·01		9
10	·04	·12	-	-	-	·12	·18	-	-	·92	·03	-		10
11	-	-	-	-	-	-	·21	-	-	·66	-	-		11
12	-	-	-	-	-	·21	·14	-	-	·02	-	·05		12
13	·01	-	·03	-	·33	·04	·26	-	·10	·07	·06	-		13
14	·35	-	·01	-	·17	-	·02	·02	-	·02	·56	-		14
15	1·01	-	·04	-	-	-	·13	·06	-	·46	·97	·08		15
16	·46	-	·21	·13	·06	·13	·08	-	-	·20	·04	-		16
17	·07	-	·74	-	·01	·90	-	·17	·04	-	·16	-		17
18	·01	·27	·29	-	-	·58	-	-	-	-	·12	-		18
19	-	·01	·53	-	-	·07	-	-	·08	-	·03	·01		19
20	-	·02	-	·01	-	-	-	·19	-	-	·02	-		20
21	-	-	-	-	·01	·03	-	·12	·09	·03	·02	-		21
22	-	-	-	-	-	·09	-	·15	-	·27	-	-		22
23	-	·05	-	·25	-	-	-	·02	·19	·04	-	-		23
24	-	·88	-	·15	·03	·54	-	-	1·29	·03	·02	-		24
25	-	2·66	-	·11	-	·02	-	-	·15	-	-	·02		25
26	-	1·03	-	·26	-	-	-	-	-	·23	·05	-		26
27	-	·05	-	-	·18	-	-	-	·04	·06	-	-		27
28	-	·01	-	·03	-	-	·03	-	·02	·25	-	-		28
29	-		-	·22	-	-	·01	-	-	·05	-	·03		29
30	·04	X	·22	·05	-	-	·25	-	-	·25	-	·24		30
31	·30	X	·02	X	-	X	·46	·01	X	·20	X	-		31
TOTAL	3·87	7·78	3·03	1·41	1·92	2·74	3·11	·75	2·00	5·40	2·53	·61	Year's Total 35·15	
*Days with ·01 in. or more.	17	18	17	12	14	12	14	9	9	20	17	10	169	
*Days with ·04 in. or more.	15	15	13	9	11	9	11	5	8	15	11	5	127	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Langsett Moor

Section **A** for the entry of Daily Observations.

Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3156

Kept at Swinden Lodge

in the County of Yorkshire

Diameter of Funnel of Gauge As in.

Height of top of Gauge above Ground Before ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·08	–	–	·01	–	–	–	·17	–	·01	·01	·23		1
2	·01	·01	·13	–	–	–	–	·53	·18	–	·16	·34		2
3	·04	·03	–	–	–	–	–	–	·02	·11	·02	·03		3
4	·09	–	·36	·15	·01	–	–	–	·14	·87	–	·95		4
5	–	–	·27	·04	·08	–	–	·40	–	·17	·15	·06		5
6	–	–	·05	–	·49	·06	–	·45	–	·20	–	·51		6
7	·33	·07	·09	–	–	·05	–	–	–	·15	·13	·30		7
8	–	–	–	–	·10	·03	–	·07	·02	·08	·52	·06		8
9	–	·03	·12	·09	–	–	–	·08	–	·01	·88	·11		9
10	–	–	·55	·32	–	–	–	·28	–	·32	·20	–		10
11	·37	–	·19	·44	–	–	–	·19	–	·01	·07	·32		11
12	–	–	·15	·07	–	–	·14	·03	–	·01	–	·05		12
13	·59	–	·03	·05	·14	–	·09	·08	·01	·15	–	·03		13
14	·27	–	·30	–	·09	·03	–	–	–	·27	·30	·22		14
15	·81	–	·34	–	·71	–	–	·05	·17	·03	·16	·15		15
16	·34	–	·19	–	·22	·02	–	–	–	·01	·09	·05		16
17	·38	–	·36	–	·14	–	·28		·50	·07	–	·18		17
18	·18	–	·36	·15	·23	·16	–	·02	–	–	–	·13		18
19	–	–	·25	·04	·07	·20	–	·02	·11	·03	–	·02		19
20	–	–	·03	·07	·10	–	–	·08	·10	–	–	–		20
21	·03	–	–	–	·03	·51	–	·06	·06	·07	–	–		21
22		–	·01	–	·03	–	–	·17	·49	·09	–	·01		22
23		–	·08	·36	–	·02	·39	–	–	·08	·07	·10		23
24	·01	·01	·05	·07	–	·07	·04	–	·14	·04	–	·03		24
25	·14	–	–	·05	·04	–	·35	–	·16	·35	–	·48		25
26	·43	–	·02	·06	–	·06	·37	–	·38	·07	·08	·01		26
27	–	·04	–	·72	–	·15	·40	–	·03	·57	·02	·31		27
28	–	–	–	·25	–	·07	·25	·09	–	·56	–	·48		28
29	–		·04	·01	–	–	·02	·16	·47	·07	–	·23		29
30	·13	X	–	–	–	–	·11	–	·03	·22	–	·15		30
31	·01	X	–	X	–	X	·01	·01	X	·05	X	·10		31
TOTAL	4·24	·19	3·97	2·92	2·48	1·43	2·45	2·94	3·01	4·67	2·86	5·64	Year's Total. 36·80	
* Days with .01 in. or more.	18	6	22	18	15	13	12	19	17	28	15	28	211	
* Days with .04 in. or more.	14	2	18	16	12	9	10	15	12	21	12	22	163	

40-9999

† Spare column, no entries required.

(Signed) John Oswald

* See Instruction 2 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE. Langsett Moor

Section **A** for the entry of Daily Observations.

Station No. 3156

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3156

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Swinden Lodge

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... in.

,, Ground ,, Sea Level .... ft.

as Before

Duration

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·40	·27	·10	·06	–	·01	·06	–	·35	·34	·13	·50		1
2	–	·08	–	–	–	·16	–	·02	·01	·34	·07	·22		2
3	·04	·50	·04	·09	–	·04	·28	–	·05	·02	·24	·06		3
4	–	–	·02	·01	–	·09	·14	–	·21	1·22	–	–		4
5	·01	·36	·12	·14	–	·35	·05	–	·17	·03	·11	·06		5
6	·06	·01	–	·06	–	·34	–	–	–	–	–	–		6
7	·02	–	–	·08	–	·22	–	–	–	·33	·44	·30		7
8	–	–	·01	·12	–	·38	–	·09	–	·04	·09	·35		8
9	·01	–	–	·20	·02	·09	–	–	–	1·49	·20	·04		9
10	–	·01	–	·57	–	·03	–	–	–	·67	·20	–		10
11	·95	·10	–	–	–	·16	–	·01	–	·14	·28	·11		11
12	·05	·11	–	–	–	·11	–	–	·04	–	–	–		12
13	·04	·14	–	·04	·22	·03	–	–	·26	·04	·01	–		13
14	·01	–	–	·17	·08	–	–	–	·09	–	·88	·09		14
15	–	2·06	–	·37	·05	·82	·04	–	·23	·06	·14	·26		15
16	·01	1·43	·14	·28	–	·17	·10	–	·86	·03	·62	·01		16
17	–	·13	–	·35	·09	·39	·17	–	1·04	·04	·88	–		17
18	·04	·02	–	·15	·03	·22	·22	–	·54	·54	·13	·01		18
19	·01	·06	–	·23	–	·22	·26	–	–	·32	·20	–		19
20	·01	·40	–	·44	–	·10	·03	–	–	·01	1·20	–		20
21	–	·43	–	·15	–	–	–	·04	·47	·17	·27	·20		21
22	–	·04	·33	–	–	–	–	–	·03	–	·02	–		22
23	·01	·01	1·27	·02	–	–	–	·62	·04	·26	–	–		23
24	1·09	·71	–	–	–	–	–	–	·96	·01	·01	·21		24
25	·08	·08	·09	–	–	·08	–	–	–	–	·08	·20		25
26	–	–	–	–	–	–	·04	·88	·16	·64	·18	·23		26
27	–	·09	–	–	·01	·08	·41	–	·39	1·03	·35	·52		27
28	·02	–	–	–	–	–	–	·20	·04	·39	·16	·18		28
29	–		·08	–	–	–	–	–	·12	·51	·12	·23		29
30	·06	✕	–	·01	–	·05	–	·17	·46	·98	·86	·13		30
31	·05	✕	–	✕	–	✕	–	–	✕	·65	✕	·30		31
													Year's Total	
TOTAL	2·97 ✓	7·04 ✓	2·20	3·54	·50 ✓	4·14 ✓	1·80 ✓	2·03 ✓	6·52 ✓	10·30 ✓	7·87 ✓	4·21 ✓	53·12	✓
* Days with .01 in. or more.	20 ✓	21 ✓	10	20 ✓	7 ✓	22 ✓	12 ✓	8 ✓	21 ✓	26 ✓	26 ✓	21 ✓	214	–
* Days with .04 in. or more.	11	17	8	17	4	19	11	6	19	21	23	19	175	–

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries req

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE. LANGSETT MOOR

Station No. 7

Section A for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936 . D

3156

Kept at Swinden Lodge,

in the County of Yorkshire.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.01	.18	.62	-	-	-	.21	.02	-	.03	.41		1
2	-	.04	.21	.07	-	.82	.15	.16	.01	-	-	.19		2
3	.05	.01	.03	-	-	.25	-	.12	.25	-	-	.19		3
4	.15	.05	.09	.01	-	.12	-	.11	.29	.02	.28	.62		4
5	.13	.01	.53	-	.02	-	-	.09	.25	.02	-	.10		5
6	.05	-	.01	-	.02	.02	.20	.25	.48	-	.30	.01		6
7	.12	-	.04	-	-	-	.21	-	1.66	.03	.16	.08		7
8	.30	-	.08	-	-	-	-	-	-	-	.39	.04		8
9	.45	.02	.11	-	.05	-	.11	-	.32	.10	2.17	-		9
10	.20	-	.01	-	-	-	.60	.05	.02	.04	.90	-		10
11	-	-	-	.02	-	.04	.17	-	.13	-	.78	-		11
12	-	-	-	.13	.04	.72	.35	-	.48	.02	.34	.06		12
13	.01	-	-	.15	-	.12	.23	-	-	.13	.02	.74		13
14	.01	-	-	.12	-	.19	.03	-	.68	.07	.30	.75		14
15	.18	.06	.02	.14	.09	.07	.06	-	.10	-	.70	.06		15
16	.20	.05	-	.10	.01	-	.03	-	-	.04	.61	.01		16
17	.01	.74	-	-	.14	-	.11	-	-	.50	.15	.23		17
18	-	.08	-	.02	-	.08	.16	.01	-	.86	.01	.04		18
19	1.24	.28	.01	.04	-	.18	.11	.40	-	.17	-	-		19
20	.28	.29	-	-	-	-	-	-	.03	.02	-	-		20
21	.14	-	.03	.13	-	.03	-	-	-	.02	-	-		21
22	.03	.68	.10	-	.04	1.32	.22	-	-	-	-	.04		22
23	-	.01	.46	.20	.26	-	.45	-	-	.06	.01	-		23
24	.15	.11	-	.04	.30	-	-	-	.10	.63	-	-		24
25	.13	.01	.11	.05	-	.01	.01	-	.45	.28	-	-		25
26	.04	.42	.78	-	.01	-	-	-	.02	.76	-	-		26
27	.63	.01	.03	-	-	-	-	-	.10	.44	-	-		27
28	.29	.85	.09	-	-	.01	.41	-	.01	-	.01	.06		28
29	.16	.95	.73	-	-	.63	-	-	-	.04	.13	.09		29
30	.12	X	-	-	.65	.03	.13	-	-	.81	.18	.09		30
31	.01	X	.07	X	-	X	.01	-	X	-	X	.38		31
TOTAL	5.08	4.68	3.72	1.84	1.63	4.64	3.75	1.40	5.40	5.06	7.47	4.19	Year's Total 48.86	✓
* Days with .01 in. or more.	25	20	21	15	12	17	20	9	19	21	19	20	218	✓
* Days with .04 in. or more.	20	13	14	12	8	12	16	8	13	15	14	18	163	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3156

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1937

Kept at Langsett Moor (Swinden Ho.)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1022 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·19	·25	·08	-	-	-	·03	-	·23	-	·04	·31		1
2	·50	·39	·06	·22	-	-	-	-	·01	-	-	·89		2
3	-	·08	·01	·13	·04	·13	·01	-	-	-	-	·07		3
4	·52	·02	·08	·12	·11	-	·02	·02	-	-	-	·30		4
5	1·49	-	·22	-	·03	-	·01	-	-	-	-	·04		5
6	·21	-	·12	·03	·08	-	·33	·10	·02	-	·07	·20		6
7	·12	·49	-	·47	·07	·07	-	·01	·08	-	·10	·31		7
8	-	·42	-	·07	-	-	·05	-	·01	-	·17	·11		8
9	-	·27	·01	·02	·43	-	·46	·02	·01	-	-	·02		9
10	·02	·24	-	-	·02	·04	-	·02	-	·01	·02	·41		10
11	-	·01	1·41	-	·73	-	-	-	-	-	-	·04		11
12	·20	·26	·15	·01	·41	·19	·02	·02	·41	-	-	·30		12
13	-	·02	·01	-	·08	·45	-	·06	·11	-	-	·22		13
14	-	·10	·13	-	-	-	-	·14	·12	-	-	·23		14
15	·26	·36	·01	·20	-	-	1·15	-	·09	-	·01	·04		15
16	·05	·52	·37	·61	·01	·01	-	·15	·20	-	·02	·05		16
17	·24	·02	·35	·33	-	·07	-	·03	·59	-	-	·01		17
18	·74	·18	·32	·02	-	-	·03	·09	·02	-	·48	·03		18
19	·02	·19	·04	·07	·91	·12	·05	·03	-	-	·71	·03		19
20	·28	·15	·02	·16	·69	·15	-	-	·01	-	·01	·03		20
21	·08	·12	·03	·03	-	-	·30	-	-	-	-	·02		21
22	·02	-	·12	·05	·08	-	·25	-	-	·33	·30	·04		22
23	·32	·01	·01	-	·03	-	·19	-	-	1·50	·49	-		23
24	·35	·25	·20	-	·09	·01	·07	-	·05	·46	·01	·02		24
25	·11	·62	·20	-	-	-	-	·01	-	·33	-	·02		25
26	-	·39	·02	-	·27	-	-	·07	·01	-	-	·06		26
27	·01	·30	-	·30	-	-	-	-	·01	·91	·03	·05		27
28	-	·78	·02	-	-	·05	-	-	-	·10	-	-		28
29	-		·01	-	-	-	-	-	-	·05	·02	·03		29
30	·37		-	-	-	·18	-	·15	-	·03	·16	·07		30
31	·41		-		-		-	-		·19		·91		31
TOTAL	6·51	6·44	4·00	2·84	3·18	1·47	2·97	·92	1·98	3·91	2·64	3·96	Year's Total 40·82	
* Days with .01 in. or more.	22·	25	25·	17·	17·	12	15·	15·	17	10·	16·	29·	220	
* Days with .04 in. or more.	18·	20·	15·	12·	12·	10·	9·	7·	9·	8·	9	19·	148	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3156

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1938

Kept at Langsett Moor, Swinden Lodge

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1032 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·10	-	-	-	1·18	·44	02	-	-	·37	·37		1
2	·04	·14	-	·39	·10	33	-	-	-	·79	·04	·11		2
3	·04	-	-	-	-	-	·11	-	·12	2·40	·22	·02		3
4	·04	-	·01	·01	-	·07	·16	·18	-	·49	·44	·63		4
5	-	·02	-	·01	-	·01	·05	·13	·06	1·21	·02	·07		5
6	·27	·02	·01	-	-	·02	·38	·09	·02	·31	-	·03		6
7	·26	·01	-	-	·01	-	·25	·04	·38	·16	-	·02		7
8	·38	-	-	-	-	-	·42	·01	·01	·69	-	·12		8
9	·14	·52	·17	-	-	·17	·10	·08	-	·05	-	·42		9
10	·03	·06	-	-	-	·06	·45	-	-	·43	-	·07		10
11	·24	·03	-	-	-	-	·16	·01	-	·18	·11	·11		11
12	·23	-	-	-	·11	-	-	·18	-	1·05	·17	-		12
13	·06	·01	-	-	-	-	-	-	·18	·20	·25	·25		13
14	·51	·02	-	-	-	-	·21	-	·24	·03	-	·01		14
15	1·21	-	-	-	-	-	·23	·07	-	·08	-	·39		15
16	·52	-	·08	-	·01	-	·36	·23	-	·15	·15	·11		16
17	-	·02	-	-	·15	-	·11	·14	·02	·11	·01	·02		17
18	·08	-	-	-	·15	·04	-	·20	·03	·46	·52	-		18
19	-	·01	-	-	·01	·03	-	·18	·02	-	-	·08		19
20	·10	-	-	-	-	-	-	-	·03	-	·30	·26		20
21	-	-	-	-	-	·04	-	·01	·01	-	·04	·21		21
22	·01	·01	-	·02	-	·25	-	-	-	-	·40	·12		22
23	-	-	-	·01	·18	·11	-	-	·34	·01	·84	-		23
24	·10	·02	·26	-	·04	·08	·04	·32	·11	-	·43	·03		24
25	·30	·24	·06	-	-	-	·01	·01	-	·34	·92	·06		25
26	·10	·63	·06	-	-	·10	-	-	·23	·30	·08	·02		26
27	·23	·20	-	-	·18	·44	·19	·38	·07	-	·54	·01		27
28	·62	·12	·07	-	·72	·47	·14	·49	·13	·01	·01	·09		28
29	·14		·32	-	1·19	·13	·08	·01	-	·04	·17	·16		29
30	·23	✕	-	-	·07	·06	-	·01	·55	-	·14	·09		30
31	·38	✕	-	✕	·43	✕	-	·01	✕	·61	✕	·92		31

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year's Total
Total	6·27	2·18	1·04	·44	3·35	3·59	3·89	2·80	2·55	10·10	6·17	4·80	47·18
* Days with .01 in. or more.	26	18	9	5	14	18	19	22	18	23	22	28	222
* Days with .04 in. or more.	23	8	7	1	11	15	18	14	11	20	19	20	167

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3156

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Langsett Moor, Swinden Lodge

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1032 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·11	-	·29	·06	-	-	·38	·25	·03	·08	-	·47		1
2	·07	·02	·02	·15	-	-	·30	·18	1·04	·07	·08	·11		2
3	·40	·02	-	·24	-	-	-	·26	·03	-	·17	83		3
4	·10	-	·24	·50	-	-	·19	·11	-	·24	·07	1·51		4
5	·04	-	-	·01	·17	-	·18	·03	-	·61	·45	·14		5
6	·39	·05	·06	-	·01	-	·60	-	-	·03	·26	·		6
7	·11	·26	·43	·	·18	-	·05	-	-	·02	·58	·20		7
8	·38	·26	·32	-	-	-	·41	·03	-	·05	·25	·28		8
9	·15	·45	·01	-	-	-	·04	·37	-	·53	·23	·50		9
10	·71	-	-	-	-	·10	·	·21	·23	·04	-	·		10
11	·21	·09	·17	-	·02	·41	-	·01	·04	-	-	·02		11
12	·17	·39	-	-	-	·15	-	-	-	-	·01	·02		12
13	·03	-	·03	·10	·07	·10	·02	-	·02	·03	·03	·		13
14	·76	-	·02	·07	·31	·12	·11	-	·02	·39	·15	·01		14
15	·28	·04	·02	·28	·25	·61	·12	-	·01	-	·09	·		15
16	·09	-	·12	·07	1·19	-	·34	-	-	-	·09	·		16
17	·81	·24	·01	·21	·11	-	·03	-	-	·73	·03	·		17
18	·45	·16	·04	-	-	·20	·19	-	·03	·01	1·09	·		18
19	·37	-	-	-	-	·03	·62	·02	·16	·01	-	·03		19
20	-	-	-	-	-	·22	·08	·26	·22	-	-	·01		20
21	·09	·19	·46	·18	·01	·13	·03	·01	·17	-	-	·01		21
22	·27	·58	·19	·01	-	-	·06	-	·04	·01	·55	·02		22
23	·03	·43	·02	·28	-	·08	·18	-	-	·35	·21	·02		23
24	·02	·06	·02	·13	-	·03	·04	-	-	·03	-	·		24
25	·44	·35	·01	·02	-	·03	-	·22	-	-	2·03	·02		25
26	·06	·12	·01	-	-	-	-	-	-	·07	·65	·12		26
27	·05	·47	·51	-	-	·17	·03	-	-	·14	·53	·02		27
28	·01	·11	·44	·10	-	·20	·34	·03	-	-	·52	·03		28
29	-	X	·02	·03	-	·01	1·73	-	-	·23	·58	·03		29
30	-	✕	-	-	-	·07	·05	-	-	-	·24	·		30
31	-	✕	-	✕	-	✕	·36	-	✕	·14	✕	·		31
TOTAL	6·60	4·29	3·46	2·44	2·32	2·66	6·48	1·99	2·04	3·81	8·89	4·40	Year's Total 49·38	
* Days with .01 in. or more.	27	19	23	17	10	17	25	14	13	21	23	21	230	
* Days with .04 in. or more.	23	17	12	13	7	13	21	8	7	14	20	9	164	

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3156 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Langsett Moor, Swinden Lodge
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 1032 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1		·13		·23					·01		·42	·13		1
2		·01	·01	·26			·07				·64	·15		2
3	·05	·19	·03	·08			·04		·01	·16	·04	·03		3
4		(·17)	·02	·16			·02			·28	·24	·18		4
5	·02	·02	·02		·09		·01			·55	·24	·59		5
6	·04	·30	·02							1·15	·19	·14		6
7	·03	·21	·01	·16	·25			·08	·16	·03	·01	·02		7
8	·01	·01		·11				·05	·01	·24		·21		8
9			·19	·02			·25	·14	·11	·48	·96	·28		9
10	·01	·02	·01	·01			·36	·44	·06	·03	·94	·70		10
11		(·10)	·05	·04		·03	·10				1·76	·05		11
12		·08	·59				·04		·53		·86	·04		12
13		·07	·30					·04	·46		·02	·02		13
14	·01	·02	·05	·51	·10		·25	·05	·04	·04	·04	·50		14
15		·01	·12	·07	·04					·04	·23	·06		15
16	·02	(·23)	·09	·06			·49		·95	·78	·54	·11		16
17	·02	·01	·41	·03			·75		·40	·01	·42	·03		17
18	·11	·21	·12	·70			·05	·09	·21	·04	·04	·20		18
19	·01	·15	·33	·07			·39	·01	·36	·05	·29	·02		19
20		·02	·14	·39		·02	·20	·44	·02	·14	·12	·01		20
21	·07	·01	·18	·02		·27	·05	·03		·09	1·17	·02		21
22	·01	·02			·14	·15		·03	·15	·02		·03		22
23	·02	·24	·08	·04	·03	·13	·02		·06	·10	·20	·03		23
24	·45	·02		·03			·03		·02	·10		·12		24
25	·18	·02		·01		·02				·05	·01	·04		25
26	·75	·08		·01	·01	·03	·05	·01	·02	·04	·08	·02		26
27	1·10	·15					·20	·03	·04		·09	·01		27
28	1·03	(·73)	·01	·02	·10			·04		·01	·01	·01		28
29	·10		·30	·07	·10	·08	·01		·02	·02	·02	·20		29
30	·09			·61						·41		·34		30
31	·09		·37					·01		·96		·33		31
TOTAL	(4·22)	(3·23)	3·45	3·71	·86	·73	3·38	1·49	3·64	5·82	9·58	4·62	Year's Total 44·73	✓
* Days with .01 in. or more.	22	27	23	24	9	8	20	15	20	25	26	31	250	✓
* Days with .04 in. or more.	12	15	15	16	7	4	15	9	13	19	21	19	165	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John K Swales

[P.T.O.

Section **A** for the entry of Daily Observ

AIR MINISTRY.—METEORO

FORM 1090.

3157

FLOUCH RD

1931- 40

780601

Langsett Moor

COPY FOR OFFICIAL USE.

AINFALL ORGANIZATION 3157

REGISTER O 193/ .

Kept at Flouch Road - Langs

in the County of Yorkshire

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft

,, Ground ,, Sea Level 960

THE MORNING MEASUREMENT I CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.03	-	-	.05	-	.28	-	.02	.09	.03	-	-	1
2	-	.06	-	.56	.01	.34	-	-	.26	.06	.04	.05	2
3	-	-	-	.13	-	.07	.09	-	.99	-	.86	.45	3
4	-	.10	-	.62	-	-	.26	.08	3.04	.01	.21	.34	4
5	-	.03	-	-	.12	.96	.07	1.04	.07	-	-	.53	5
6	-	.15	.01	-	-	.23	.50	-	.06	.30	.12	.01	6
7	-	.01	-	-	-	.39	.06	.78	-	.38	.23	.05	7
8	.02	.22	.04	.01	.07	-	.08	.81	-	.08	.19	-	8
9	.01	.88	.05	.18	.04	.16	-	.16	.05	.02	.40	-	9
10	.04	.36	.03	-	.05	.12	-	.19	.04	-	.31	-	10
11	.20	.89	-	-	.01	.01	.06	-	.10	-	.07	-	11
12	.06	.07	-	.01	-	-	1.23	.01	.14	.11	.22	-	12
13	-	-	.06	-	.03	.02	.02	.07	.01	-	-	-	13
14	.05	.02	-	.01	.07	.75	.17	1.16	-	-	.44	.01	14
15	.23	.37	-	.04	.09	-	.28	.08	.02	-	.04	.08	15
16	1.22	.07	-	.63	.17	.60	.07	.79	.09	.01	-	-	16
17	.04	.10	-	.42	.11	.08	.48	.86	.01	.01	.01	-	17
18	.17	.02	-	.53	-	.59	.18	.07	-	.01	.94	-	18
19	.04	.15	-	.14	-	.13	.13	.20	.12	.06	-	-	19
20	.02	.20	-	.15	-	-	-	.68	-	-	.06	.01	20
21	.43	.07	.01	-	.41	.03	-	.12	-	-	.04	-	21
22	.09	.09	-	-	.29	.04	.02	-	.01	-	.01	-	22
23	.75	-	-	.45	.25	.22	.15	-	.02	-	.42	.06	23
24	.22	.15	-	.39	.51	.01	.15	-	.01	-	-	.11	24
25	.28	.73	-	.58	.02	-	.10	-	-	-	.04	.09	25
26	.06	.16	-	.39	-	-	.01	-	-	-	.33	.01	26
27	.62	.12	-	.02	.07	-	.32	-	-	.21	.90	.31	27
28	.37	.32	.01	.12	.40	.02	.06	-	.02	-	-	.01	28
29	.34		-	-	.32	-	.16	-	-	.56	.01	.01	29
30	.02	✕	-	.02	.07	-	-	-	.01	-	-	-	30
31	.14	✕	-	✕	.01	✕	.01	-	✕	.01	✕	.03	31
TOTAL	5.45	5.34	.21	5.45	3.12	5.05	4.66	7.12	5.16	1.86	5.89	2.16	YEAR'S TOTAL 51.47
*Days with ·01 in. or more.	24	24	7	21	21	20	24	17	20	15	22	17	232
*Days with ·04 in. or more.	19	20	3	16	16	15	20	15	12	8	19	10	173

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

[P.T.O.

Section **A** for the entry of Daily Observ

Langsett Moor

COPY FOR OFFICIAL USE.

3157

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Flouch Road - Langsett

in the County of Yorkshire

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 960 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	-	-	·05	-	·28	-	·02	·09	·03	-	-	1
2	-	·06	-	·56	·01	·34	-	-	·26	·06	·04	·05	2
3	-	-	-	·13	-	·07	·09	-	·99	-	·86	·45	3
4	-	·10	-	·62	-	-	·26	·08	3·04	·01	·21	·34	4
5	-	·03	-	-	·12	·96	·07	1·04	·07	-	-	·53	5
6	-	·15	·01	-	-	·23	·50	-	·06	·30	·12	·01	6
7	-	·01	-	-	-	·39	·06	·78	-	·38	·23	·05	7
8	·02	·22	·04	·01	·07	-	·08	·81	-	·08	·19	-	8
9	·01	·88	·05	·18	·04	·16	-	·16	·05	·02	·40	-	9
10	·04	·36	·03	-	·05	·12	-	·19	·04	-	·31	-	10
11	·20	·89	-	-	·01	·01	·06	-	·10	-	·07	-	11
12	·06	·07	-	·01	-	-	1·23	·01	·14	·11	·22	-	12
13	-	-	·06	-	·03	·02	·02	·07	·01	-	-	-	13
14	·05	·02	-	·01	·07	·75	·17	1·16	-	-	·44	·01	14
15	·23	·37	-	·04	·09	-	·28	·08	·02	-	·04	·08	15
16	1·22	·07	-	·63	·17	·60	·07	·79	·09	·01	-	-	16
17	·04	·10	-	·42	·11	·08	·48	·86	·01	·01	·01	-	17
18	·17	·02	-	·53	-	·59	·18	·07	-	·01	·94	-	18
19	·04	·15	-	·14	-	·13	·13	·20	·12	·06	-	-	19
20	·02	·20	-	·15	-	-	-	·68	-	-	·06	·01	20
21	·43	·07	·01	-	·41	·03	-	·12	-	-	·04	-	21
22	·09	·09	-	-	·29	·04	·02	-	·01	-	·01	-	22
23	·75	-	-	·45	·25	·22	·15	-	·02	-	·42	·06	23
24	·22	·15	-	·39	·51	·01	·15	-	·01	-	-	·11	24
25	·28	·73	-	·58	·02	-	·10	-	-	-	·04	·09	25
26	·06	·16	-	·39	-	-	·01	-	-	-	·33	·01	26
27	·62	·12	-	·02	·07	-	·32	-	-	·21	·90	·31	27
28	·37	·32	·01	·12	·40	·02	·06	-	·02	-	-	·01	28
29	·34		-	-	·32	-	·16	-	-	·56	·01	·01	29
30	·02	×	-	·02	·07	-	-	-	·01	-	-	-	30
31	·14	×	-	×	·01	×	·01	-	×	·01	×	·03	31
TOTAL	5·45	5·34	·21	5·45	3·12	5·05	4·66	7·12	5·16	1·86	5·89	2·16	YEAR'S TOTAL 51·47
*Days with ·01 in. or more.	24	24	7	21	21	20	24	17	20	15	22	17	232
*Days with ·04 in. or more.	19	20	3	16	16	15	20	15	12	8	19	10	173

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

[P.T.O.

3157

COPY FOR OFFICIAL USE. Langsett Moor

Section **A** for the entry of Daily Observations.

Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Flouch Road.

in the County of Yorkshire.

Diameter of Funnel of Gauge as Before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·49	·01	–	·18	·53	·01	·26	·03	·35	·28	·08	·01	1
2	·73	–	–	–	·64	–	–	·01	·72	·18	·12	·31	2
3	·15	–	–	·04	·01	–	·22	–	·11	–	–	·29	3
4	·04	·01	–	·12	–	·01	·01	–	–	·01	·10	–	4
5	·74	·02	·22	·28	·03	–	–	·01	·04	–	–	·01	5
6	1·24	–	·15	1·24	·04	–	·01	–	·10	–	–	–	6
7	·03	–	1·02	·31	·04	–	·01	–	·40	·13	·02	–	7
8	–	·01	–	·72	–	–	–	–	·14	·53	·02	–	8
9	·45	·11	–	·68	·04	–	–	–	–	–	–	·02	9
10	·45	·01	·01	·16	–	–	–	–	·38	·24	–	·15	10
11	·05	·03	·01	·06	·32	·13	·84	–	·08	·02	·02	–	11
12	·36	·01	–	–	·11	·16	·40	·01	–	·36	·05	–	12
13	·04	·07	–	·24	·06	–	·85	·01	·12	1·10	·04	·06	13
14	·13	–	–	·11	–	–	·37	·02	–	·07	·18	–	14
15	–	–	–	·02	·17	–	–	–	–	·07	·06	·10	15
16	·95	–	·01	·31	·01	–	·03	–	–	·09	·01	·02	16
17	–	–	–	–	–	–	·04	–	·04	·80	·02	–	17
18	–	–	–	–	·01	–	–	·01	·02	–	·01	–	18
19	–	·01	·02	·19	·08	–	–	·01	–	·18	–	–	19
20	–	–	–	·22	·34	–	·05	·72	–	·18	·03	–	20
21	–	–	·08	·04	1·70	–	–	1·10	–	·76	·07	·07	21
22	–	–	·16	·10	·39	–	·15	–	·12	·07	1·32	·10	22
23	–	·02	–	·21	·13	–	·01	–	–	·09	·20	·09	23
24	·01	–	–	·06	–	–	·18	–	·08	–	·27	·01	24
25	–	·07	–	·03	·03	–	·03	·02	·09	·42	·11	–	25
26	–	·04	–	·29	·43	–	·12	–	·03	·44	·44	–	26
27	–	–	·44	·16	·48	·03	·22	–	–	·02	·31	–	27
28	–	·01	·17	·12	·21	·01	·15	·03	–	–	–	·02	28
29	·01	–	·45	·11	·28	·02	·11	·13	·22	·96	·17	·17	29
30	–	×	·21	·03	·24	·49	·01	·11	·13	·07	·48	·14	30
31	·01	×	·13	×	·03	×	·29	–	×	–	×	·11	31
TOTAL	5·88	·43	3·08	5·53	6·35	·86	4·26	2·22	3·17	7·07	4·13	1·68	YEAR'S TOTAL 44·66
*Days with ·01 in. or more.	17	14	14	26	25	8	22	14	18	23	23	17	221
*Days with .04 in. or more.	13	4	10	23	19	3	15	4	16	20	16	11	154

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE.

Langsett Moor

Section **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

3157

Kept at Flouch Road

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·24	·82	·06	–	–	–	–	–	–	–	·17	–		1
2	·37	–	·30	·05	–	–	–	–	–	–	·13	–		2
3	·07	·25	·11	–	·22	–	–	–	–	–	·10	–		3
4	·21	·16	·10	–	·04	–	–	–	–	–	–	–		4
5	·38	·27	·12	–	·26	–	–	–	–	–	–	–		5
6	·02	·07	·05	–	·42	–	·01	–	–	–	·01	·05		6
7	·12	·21	·05	–	·15	–	·14	–	–	1·05	–	·04		7
8	·17	·01	·03	–	·03	–	·71	–	–	–	–	·06		8
9	–	·45	–	·05	·04	–	·39	–		·65	·07	–		9
10	·03	·19	–	–	–	·09	·05	–	–	·85	·03	–		10
11	–	–	–	–	–	–	·24	–	–	·74	–	–		11
12	–	·01	–	–	–	·23	·15	–	–	·02	–	·05		12
13	–	–	·01	–	·32	·06	·25	–	·12	·04	·04	–		13
14	·28	–	·01	–	·10	–	·09	·02	–	·03	·52	–		14
15	1·04	–	·04	–	–	–	·07	·09	–	·42	1·01	·05		15
16	·38	–	·22	·15	·05	·14	·08	–	–	·21	·04	–		16
17	·08	–	·75	–	–	·75	–	·17	·03	–	·16	–		17
18	–	·25	·28	–	–	·58	–	–	–	–	·12	–		18
19	–	·01	·49	–	–	·03	–	–	·14	–	·02	·01		19
20	–	·01	–	–	–	–	–	·20	–	–	·02	–		20
21	–	–	–	–	·01	·07	–	·11	·02	·03	·01	–		21
22	–	–	–	–	–	·03	–	·17	–	·28	–	–		22
23	–	·06	–	·20	–	–	–	·02	·19	·03	–	–		23
24	–	·80	–	·17	·02	·55	–	–	1·32	·03	·02	–		24
25	–	2·43	–	·11	–	·03	–	–	·15		·01	·03		25
26	–	·92	–	·25	–	–	–	–	–	·21	·06	–		26
27	–	·12	–	–	·28	–	–	–	·05	·03	–	–		27
28	–	–	–	·01	–	–	·03	–	·05	·35	–	–		28
29	–	–	–	·33	–	–	·01	–	–	·04	–	·02		29
30	·04	×	·09	·10	–	–	·24	–	–	·16	–	·23		30
31	·31 ✓	× ✓	·02 ✓	× ✓	– ✓	× ✓	·46	·01 ✓	× ✓	·28 ✓	×	– ✓		31
TOTAL	3·74	7·04	2·73	1·42	1·94	2·56	2·92	·79	2·07	5·45	2·54	·54	Year's Total 33·74	
*Days with ·01 in. or more.	15.	18.	17.	10.	13.	11.	15	8.	9.	19	18.	9.	162	
*Days with .04 in. or more.	13.	14.	13.	9.	10.	8.	12.	5.	7.	13.	11.	6.	121	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John K Swales

[P.T.O.

Langsett Moor

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3157

Kept at Flouch Road,

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	–	–	–	–	–	–	·17	–	·01	–	·17		1
2	–	·01	·13	–	–	–	–	·45	·17	–	·11	·29		2
3	·04	·03	–	–	–	–	–	·01	–	·10	·04	·02		3
4	·11	–	·39	·19	·01	–	–	–	·24	·90	–	·81		4
5	–	–	·30	·03	·09	–	–	·40	–	·15	·15	·13		5
6	–	–	·07	–	·46	·04	–	·29	·01	·17	–	·50		6
7	·30	·08	·12	–	–	·04	–	–	–	·14	·05	·32		7
8	–	–	–	–	·09	·10	–	·05	·01	·07	·45	·08		8
9	–	·01	·32	·10	–	–	–	·06	–	·01	·90	·15		9
10	·01	·01	·56	·33	–	–	–	·27	–	·29	·17	–		10
11	·43	–	·24	·45	–	–	–	·13	–	·01	·08	·33		11
12	–	–	·15	·04	–	–	·04	·04	–	–	–	·12		12
13	·58	–	·03	·04	·12	–	·19	·11	·01	·14	–	·01		13
14	·24	–	·28	–	·08	·04	–	–	–	·26	·30	·56		14
15	·85	–	·40	–	·61	–	–	·03	·10	·04	·17	·07		15
16	·37	–	·20	–	·23	·03	–	–	–	·01	·12	·11		16
17	·39	–	·36	–	·11	–	·32	–	·39	·09	·01	·20		17
18	·17	–	·38	·13	·22	·05	·03	·03	–	–	–	·14		18
19	–	–	·26	·03	·05	·24	–	–	·08	·04	–	·02		19
20	–	–	·02	·06	·07	·02	–	·08	·08	·01	–	–		20
21	·03	–	–	–	·03	·47	–	·05	·02	·06	–	–		21
22	·01	–	–	–	·02	–	–	·16	·55	·09	–	·01		22
23	–	–	·03	·33	–	·02	·36	–	–	·05	·06	·11		23
24	–	–	·12	·07	–	·09	·01	–	·12	·07	–	·04		24
25	·14	–	–	·04	·03	·01	·28	–	·14	·30	–	·51		25
26	·30	–	·01	·05	–	·01	·37	–	·31	·08	·09	·02		26
27	·07	·04	–	·80	–	·08	·31	–	·03	·56	·03	·31		27
28	–	–	–	·38	–	·15	·26	·09	–	·53	–	·38		28
29	–		·03	·01	–	–	·01	·12	·53	·07	–	·20		29
30	·17	×		–	–	–	·14	–	·02	·27	–	·23		30
31	·01	×		×		×	·01	·01	×	·09	×	·10		31
TOTAL	4·28	·18	4·40	3·08	2·22	1·39	2·33	2·55	2·81	4·61	2·73	5·64	Year's Total. 36·22	
* Days with .01 in. or more.	19	6	21	17	15	15	13	19	17	28	15	28	213	
* Days with .04 in. or more.	15	2	16	14	11	10	9	15	11	23	13	23	162	

40-9999

† Spare column, no entries required.

(*Signed*)

P.T.O.

* See Instruction 2 (f) on other side.

Zangsett Moor

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. IV 3157

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Flouch Road
in the County of Yorkshire
Diameter of Funnel of Gauge As in.
Height of top of Gauge above Ground Before ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·42	·23	·10	·05	–	·01	·04	–	·26	·34	·15	·48		1
2	·05	·14	·04	·01	–	·12	–	·03	·01	·40	·08	·26		2
3	·03	·53	·03	·08	–	·02	·21	–	·03	·02	·23	·05		3
4	–	–	·01	·01	–	·07	·16	–	·18	1·16	–	·01		4
5	–	·30	·11	·19	–	·20	·05	–	·17	·05	·09	·04		5
6	·10	·02	·01	·05	–	·33	–	–	–	–	–	–		6
7	·03	–	–	·06	–	·16	–	–	–	·36	·49	·21		7
8	–	–	·01	·11	–	·37	–	·17	–	·05	·04	·36		8
9	–	–	–	·23	·02	·08	–	–	–	1·44	·22	·03		9
10	–	·03	·01	·47	–	·05	–	–	–	·66	·28	–		10
11	·89	·08	–	–	–	·13	–	·01	–	·15	·27	·12		11
12	·05	·12	–	–	–	·15	–	–	·05	–	–	·01		12
13	·03	·15	–	·05	·23	·03	–	–	·04	·04	–	–		13
14	–	–	–	·18	·08	–	–	–	·19	–	·78	·06		14
15	–	1·64	–	·35	·05	·49	·03	–	·32	·02	·32	·29		15
16	·01	1·58	·14	·27	–	·14	·11	·01	·82	·05	·52	·01		16
17	–	·13	–	·33	·09	·32	·12	–	·95	·03	1·00	–		17
18	·05	·02	–	·11	·03	·27	·25	–	·53	·49	·13	–		18
19	·02	·08	–	·21	–	·16	·22	–	·01	·36	·27	–		19
20	·01	·32	–	·44	–	·08	·01	–	–	–	1·25	–		20
21	–	·34	–	·07	–	–	–	·02	·65	·12	·29	·18		21
22	–	·19	·38	–	–	–	–	–	·03	–	·01	–		22
23	–	–	1·14	·01	–	–	–	·78	·02	·28	–	–		23
24	·70	·69	–	–	–	–	–	–	·98	·03	·01	·20		24
25	·21	·13	·06	–	–	·09	–	–	–	–	·03	·18		25
26	·01	–	–	–	·01	–	·03	·84	·15	·40	·23	·19		26
27	·01	·13	–	–	–	·04	·33	–	·40	1·08	·23	·35		27
28	·02	–	–	–	–	–	–	·17	·05	·31	·21	·17		28
29	–		·07	–	–	–	–	–	·09	·47	·12	·20		29
30	·05	✕	–	–	–	·03	–	·13	·40	1·02	·86	·13		30
31	·02	✕	–	✕		✕	–	–	✕	·53	✕	·26		31
TOTAL	2·71	6·85	2·06	3·28	·51	3·34	1·56	2·16	6·33	9·86	8·11	3·79	Year's Total 50·56	
* Days with .01 in. or more.	19	20	13	20	7	22	12	9	22	25	25	22	216	
* Days with .04 in. or more.	9	17	8	17	4	18	9	5	17	21	22	18	165	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) John N. Dewales [P.T.O.

COPY FOR OFFICIAL USE.

LANGSETT MOOR

Station No. ....

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

3157

REGISTER OF RAINFALL IN 1936.

Kept at Flouch Road,

in the County of Yorkshire.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in. As before.

,, Ground ,, ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.02	.02	.13	.69	-	.01	-	.10	.02	-	.04	.41		1
2	-	.04	.19	.06	-	.80	.17	.26	-	-	.02	.19		2
3	.03	-	.01	-	-	.30	-	.14	.29	-	-	.17		3
4	.11	.06	.10	-	.01	.13	-	.09	.17	.03	.26	.55		4
5	.17	.01	.58	-	.02	.01	.01	.04	.24	.02	-	.20		5
6	.06	-	.01	-	.03	.02	.17	.30	.48	-	.31	-		6
7	.14	-	.04	-	.01	-	.20	-	1.48	.02	.14	.02		7
8	.31	-	.05	-	-	-	-	-	.02	.02	.40	.07		8
9	.45	-	.16	-	.05	-	.16	-	.22	.05	2.10	-		9
10	.18	-	.01	-	-	-	.90	.04	.01	.05	.86	-		10
11	-	-	.01	.03	-	.05	.15	-	.24	-	.77	-		11
12	-	-	-	.16	.04	.74	.32	-	.44	.02	.47	.07		12
13	-	-	-	.12	-	.12	.25	-	-	.07	.02	.86		13
14	-	-	-	.14	-	.19	.04	-	.89	.09	.27	.75		14
15	.17	.09	.02	.17	.12	.08	.07	.01	.42	-	.77	.08		15
16	.18	.05	-	.11	.01	-	.03	-	-	.08	.52	-		16
17	.01	.74	-	-	.12	-	.12	-	-	.41	.15	.20		17
18	-	.08	-	.02	-	.06	.13	.01	-	.81	.01	.09		18
19	1.18	.27	.01	.04	-	.18	.09	.35	-	.22	-	-		19
20	.23	.23	-	-	-	.01	.01	-	.03	.03	-	-		20
21	.13	-	.03	.15	-	.05	-	-	-	.02	-	-		21
22	.03	.65	.09	.01	.05	.79	.14	-	-	-	-	.03		22
23	-	-	.55	.15	.20	-	.62	-	-	.06	-	-		23
24	.16	.11	-	.04	.39	-	-	-	.10	.55	.01	.01		24
25	.14	-	.07	.04	.01	.01	.01	-	.45	.27	-	-		25
26	.01	.40	.74	-	.01	-	-	-	.02	.67	-	-		26
27	.48	-	.09	-	-	-	-	-	.15	.59	.01	-		27
28	.41	.81	.07	-	-	-	.37	-	.02	-	-	.04		28
29	.13	.90	.75	-	-	.68	-	-	-	.05	.12	.11		29
30	.10	✕	.01	-	.57	.04	.11	-	-	.74	.19	.08		30
31	.01	✕	.03	✕	-	✕	.02	-	✕	.03	✕	.33		31
													Year's Total	
TOTAL	4.84	4.46	3.75	1.93	1.64	4.27	4.09	1.34	5.69	4.90	7.44	4.26	48.61	
* Days with .01 in. or more.	24	15	23	15	15	19	22	10	19	23	20	19	224	
* Days with .04 in. or more.	18	13	14	12	8	14	17	8	13	15	15	16	163	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3157

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1937

Kept at Langsett Moor (Flouch Rd.)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 960 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

T-L

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·17	·26	·08	-	-	-	·04	-	·21	-	·05	·31		1
2	·45	·36	·06	·23	-	-	-	-	-	-	·01	·96		2
3	·01	·08	·01	·10	·06	·08	-	·	-	-	-	·06		3
4	·46	·03	·08	·16	·09	-	·01		-	-	-	·26		4
5	1·28	-	·19	·01	·02	-	·01	-	-	-	-	·02		5
6	·38	-	·09	·05	·05	-	·19	·05	·01	-	·10	·29		6
7	·12	·57	-	·40	·15	·09	-	-	·08	-	·10	·29		7
8	·01	·45	·02	·07	·01	-	·04	-	-	-	·13	·16		8
9	-	·33	·01	·03	·42	-	·42	·01	·01	-	-	·05		9
10	·02	·23	-	·01	·04	·03	·01	-	-	·01	·02	·39		10
11	-	-	1·34	-	·76	-	-	-	-	-	-	·04		11
12	·20	·22	·16	·01	·40	·25	·01	·02	·25	-	-	·29		12
13	-	·02	-	·01	·13	·26	-	·08	·10	-	-	·18		13
14	-	·05	·13	-	-	-	-	·12	·10	-	-	·24		14
15	·20	·33	-	·21	-	-	1·14	-	·09	-	-	·02		15
16	·08	·62	·44	·58	·01	·01	-	·16	·08	-	-	·03		16
17	·28	·05	·35	·36	-	·07	-	-	1·07	-	-	-		17
18	·96	·17	·28	·03	-	-	·01	·10	·02	-	·43	-		18
19	·03	·17	·04	·08	-	·10	·07	·02	-	-	·73	-		19
20	·29	·17	·05	·18	·69	·32	-	-	-	-	-	-		20
21	·12	·11	·05	·02	·02	-	·27	-	-	-	-	·01		21
22	·03	-	·08	·05	·05	-	·23	-	-	·27	·29	·03		22
23	·32	-	-	-	·02	-	·18	-	-	1·61	·56	-		23
24	·32	·27	·17	-	·08	·01	·05	-	·03	·30	·01	·02		24
25	·19	·63	·20	-	-	-	-	-	-	·50	-	·01		25
26	-	·37	·04	-	·31	-	-	·08	-	-	-	·04		26
27	-	·39	-	·27	-	-	-	-	-	·88	·03	·04		27
28	-	·69	·04	·01	-	·06	-	-	-	·08	-	·03		28
29	·02		·01	-	-	-	-	-	-	·07	·01	·03		29
30	·41	☒	-	-	-	·14	-	·13	-	·02	·12	·07		30
31	·40	☒	-	☒	-	☒	-	-	☒	·18	☒	·01		31
TOTAL	6·75	6·57	3·92	2·87	3·31	1·42	2·68	·77	2.05	3·92	2·59	3·73	Year's Total 40·58	
* Days with .01 in. or more.	24	23	23	21	18	12	15	10	12	10	14	26	208	
* Days with .04 in. or more.	18	21	19	13	13	9	10	7	8	8	9	16	151	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ……………… [P.T.O.

COPY FOR OFFICIAL USE

Se[illegible]on **A** for the entry of Daily Observations

Station No. 3157

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Langsett Moor, Flouch Road

in the County of W.R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 960 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTH

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·09	–	–	–	1·05	1·25	·02	–	·02	·26	·34		1
2	·02	·14	–	·37	·11	·32	–	–	–	·61	·13	·12		2
3	·05	–	–	–	–	–	·02	–	·09	2·06	·12	·03		3
4	·04	–	–	–	–	·06	·17	·02	–	·59	·41	·56		4
5	–	·02	–	·02	–	·02	·03	·28	·03	1·24	·02	·07		5
6	·28	·02	–	–	–	·02	·19	·14	·04	·23	–	·02		6
7	·24	·01	–	–	–	–	·33	·04	·43	·20	–	·02		7
8	·39	–	–	–	–	–	·45	·01	–	·67	–	·10		8
9	·12	·47	·13	–	–	·12	·10	·07	–	·05	–	·45		9
10	·02	·10	·01	–	–	·07	·37	·01	–	·37	–	·05		10
11	·15	·03	–	–	–	–	·15	–	–	·12	·08	·10		11
12	·29	–	–	–	·11	–	–	·19	–	·90	·16	·01		12
13	·06	·01	–	–	·01	–	–	–	·08	·30	·25	·22		13
14	·45	–	–	–	·01	–	·10	–	·31	·02	·01	·01		14
15	1·30	–	–	–	–	–	·36	·05	–	·01	·	·45		15
16	·63	–	·06	–	·01	–	·34	·22	–	·17	·14	·11		16
17	–	–	–	–	·10	–	·11	·09	·01	·11	·01	·04		17
18	·07	·01	–	–	·24	·02	–	·19	·02	·44	·50	–		18
19	–	–	–	–	·02	·01	–	·25	·02	·	–	·07		19
20	·05	·01	–	–		–	–	·01	·02	·	·28	·25		20
21	·05	–	–	–		·01	–	·01	·02	·	·03	·20		21
22	·01	·01	–	–		·22	–	–	–	·	·40	·10		22
23	–	–	–	·01	·13	·09	–	–	·10	·	·84	·02		23
24	–	–	·21	–	·05	·05	·08	·26	·35	·	·46	·04		24
25	·34	·24	·08	–	–	–	·01	·01	–	·33	·84	·03		25
26	·11	·60	·05	–	–	·02	–	–	·21	·28	·09	·03		26
27	·22	·19	·01	–	·18	·49	·14	·44	·05	·	·50	–		27
28	·68	·12	·05	–	·75	·52	·12	·53	·15	–	·01	·08		28
29	·13		·29	–	1·07	·10	·10	–	·04	·05	·16	·13		29
30	·25	✕	·01	–	·14	·19	·01	–	·62	·	·14	·06		30
31	·30	✕	–	✕	·44	✕	–	–	✕	·54	✕	1·10		31
TOTAL	6·26	2·07	·90	·40	3·37	3·38	4·43	2·84	2·59	9·31	5·84	4·81	Year's Total 46·20	
* Days with .01 in. or more.	26	16	10	3	15	18	20	20	18	22	23	29	220	
* Days with .04 in. or more.	22	8	7	1	11	12	16	13	12	19	18	21	160	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Frank Sewell

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3157

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Kept at Langsett Moor, Flouch Road
in the County of W. R. Yorks.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 960 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·08	-	·29	·07	-	-	·29	·26	·02	·04	·	·56		1
2	·08	-	·01	·14	·01	-	·23	·18	1·15	·07	·06	·11		2
3	·38	-	-	·13	-	-	-	·25	·10	-	·15	·65		3
4	·12	-	·25	·65	-	-	·11	·47	-	·12	·17	1·48		4
5	-	-	-	·02	·15	-	·14	·04	·	·54	·42	·19		5
6	·32	·01	·06	-	-	-	·61	-	-	·03	·24	·		6
7	·15	·24	·24	·	·07	-	·01	-	-	·01	·41	·04		7
8	·25	·18	·57	·	-	-	·46	·02	·	-	·23	·42		8
9	·30	·46	-	·	-	-	·03	·28	-	·68	·16	·40		9
10	·72	·01	·01	-	-	·08	-	·22	·18	·03	-	·		10
11	·07	·08	·16	-	·01	·45	-	·09	·03	·01	·	·03		11
12	·14	·33	-	·	·03	·11	-	·	-	-	·01	·01		12
13	·06	-	·03	·07	·06	·10	·01	-	·01	·05	·01	·		13
14	·73	-	·03	·05	·38	·15	·15	-	-	·39	·17	·		14
15	·25	·01	·02	·26	·26	·60	·09	-	·02	-	·09	·		15
16	·08	·04	·13	-	1·03	·01	·16	-	-	-	·10	·		16
17	·70	·22	·02	·42	·32	-	·02	-	-	·70	·03	·		17
18	·43	·16	·03	·	·01	·21	·13	-	·03	-	·97	·		18
19	·34	-	-	-	·	·07	·62	·02	·20	·02	-	·02		19
20	·02	-	-	-	·	·12	·10	·27	·20	-	·	·01		20
21	·08	·19	·45	·14	·	·18	·04	·02	·29	·	-	·		21
22	·26	·53	·20	·02	·	-	·06	-	·08	-	·46	·		22
23	·07	·38	·03	·19	-	·07	·14	-	·01	·36	·35	·01		23
24	·01	·04	·02	·14	-	·06	·01	·02	-	·03	-	·		24
25	·40	·30	·01	·03	-	·02	-	·66	-	-	1·93	·01		25
26	·10	·09	-	-	-	-	-	-	-	·09	·51	·14		26
27	·04	·42	·58	-	·	·08	·03	-	·	·15	·60	·02		27
28	·04	·14	·55	·08	-	·22	·32	·06	-	·01	·39	·01		28
29	-	X	·04	·05	-	·02	1·62	-	-	·21	·58	·		29
30	-	✕	-	-	-	·05	·02	-	·	-	·14	·		30
31	-	✕	·01	✕	-	✕	·34	-	✕	·14	✕	·		31
TOTAL	6·22	3·83	3·74	2·46	2·33	2·60	5·74	2·86	2·32	3·68	8·18	4·11	Year's Total 48·07	
* Days with .01 in. or more.	27	19	23	16	11	18	25	15	13	20	23	17	227	
* Days with .04 in. or more.	25	16	12	13	7	15	18	11	7	13	20	9	166	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John N. Beverley

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3157

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Langsett Moor, Flouch Road

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 960 ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	.12	·	.15	·		·	·	·	·	.40	.09		1
2	·		.01	.12	·	·	.06	·	·	·	.63	.08		2
3	.03	(.24)	·	.18	·		.01	·	·	.03	.04	.06		3
4	·	(.18)	·	.20	·		.03	·	·	.42	.27	.17		4
5	·	·	·	·	.10	·	.01	·	·	.56	.19	.50		5
6	.03	(.23)	·	·	·	·	·	·	·	1.16	.20	.29		6
7	.03	.37	·	.17	.27		·	.02	.19	.06	·	·		7
8	.01	.01	·	.13	·	·	·	.06	·	.16	·	.18		8
9	·	·	.18	·	·	·	.10	.09	.05	.57	.83	.26		9
10	·	·	·	.01	·	.03	.56	.46	.06	.02	.95	.70		10
11	·	.10	.04	.04	·	·	.12	·	·	·	1.51	.15		11
12	·	.07	.56	·	·	·	.05	·	.39	·	1.23	·		12
13	·	(.10)	.34	·			·	.01	.43	·	.26	·		13
14	·	·	.03	.52	.05	·	.34	.05	.04	.05	.01	.49		14
15		·	.13	.05	.09		·	·	·	.04	.25	.05		15
16	.07	(.23)	.09	.10	·	·	.45	·	.83	.76	.55	.10		16
17	·	.03	.43	.04	·	·	.61	·	.35	.03	.48	·		17
18	.05	.22	.14	.78	·	·	.13	.06	.01	·	.05	.20		18
19	.02	.10	.36	.20	·	·	.26	.03	.57	.11	.25	.04		19
20	·	·	.13	.42	·	.02	.17	.34	.01	.03	.26	·		20
21	.01	·	.17	.01	·	.04	.03	.04	·	.16	1.24	·		21
22	.01	·	·	·	.14	.33	·	·	.13	.01	.01	.03		22
23	·	.20	.10	.04	.04	.08	.01	.02	.06	.11	.18	.02		23
24	.42	.01	.01	.03	·	·	.02	·	.01	.09	·	.15		24
25	.17	·	·	·	.01	.02	·	·	·	.06	·	.01		25
26	.78	.07	·	.01	.01	.02	.06	.01	·	.05	.07	-		26
27	1.09	.08	·	.01	·	·	.20	.03	.07	·	.08	-		27
28	1.01	.74	·	.02	.09	·	·	.05	·	·	·	-		28
29	.10	·	.27	.07	.10	.11	.01	·	.03	·	·	.10		29
30	.08	✕	·	.62	·	·	·	·	·	.38	·	.45		30
31	.11	✕	.35	✕	·	✕	·	·	✕	.93	✕	.44		31
													Year's Total	
TOTAL	(4.02)	(3.10)	3.34	3.92	.90	.65	3.23	1.24	3.23	5.79	9.94	4.56	43.95	
* Days with .01 in. or more.	17	18	17	23	10	8	20	14	16	22	23	22	210	
* Days with .04 in. or more.	10	15	14	17	8	10	13	8	12	17	21	19	158	

† Spare column, no entries required.

(Signed) John K Dewaley [P.T.O.

* See Instruction 3 (f) on other side.

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3158

Section **A** for the entry
AIR MINIST

FOR OFFICIAL USE.
FALL ORGANIZATION.

FORM 1090.

REGI 931.

3158

WATH UPON DEARNE
CHAPEL ST.

1931 - 1940

780601

Kept at Wath upon De
in the County of W. R

Diameter of Funnel of Gauge
Height of top of Gauge above Gr
,, Ground ,, Sea

THE MORNING MEA DAY.

An observer who does not conform the following year in the space on the right of

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·03	·04	·02		·26			·02	·02		·02	1
2		·04		·64	·02	·53			·55	·02		·05	2
3				·08		·05	·03		·13		·15	·13	3
4		·10		·10			·38	·08	1·35				4
5		·03	·06		·21	1·08		·92	·04		·05	·18	5
6		·20				·09	·45		·01	·18	·05		6
7			·03			·77	·02	·65		·06	·21		7
8	·03		·02	·03			·05	·73			·15		8
9		·17	·03	·28	·05	·06		·23	·12		·28	·02	9
10		·07	·05		·02	·01	·01	·09			·15		10
11		·35					·02		·22		·02		11
12	·02	·10					·78		·10	·04	·08		12
13		·07				·03	·01	·05	·02				13
14		·02			·02	·70	·22	·70			·58	·02	14
15		·07		·08			·07	·02	·02		·02	·03	15
16	·08	·12		·07	·09	·75	·01	·15	·25				16
17		·15		·35	·07	·04	·01	·12		·01	·01		17
18		·02		·23		·17	·35	·05		·03	·75		18
19	·03					·01	·15	·07	·17		·10		19
20	·02	·09		·08				·36			·01	·02	20
21	·06	·01			·24			·02			·10		21
22	·02				·21				·01		·01		22
23	·25			·07	·56	·18	·18		·01		·18		23
24	·02			·11	·54		·15				·01		24
25	·02			·45			·27						25
26	·11	·06		·14	·35		·04				·18		26
27	·10	·20		·02	·03		·02			·13	·25	·03	27
28	·16	·26		·14	·11							·07	28
29	·30				·12		·07			·15	·03		29
30	·03	×			·12								30
31	·23	×		×		×			×	·05	×	·03	31
TOTAL	1·48	2·16	·23	2·89	2·76	4·73	3·29	4·24	3·88	·69	3·37	·60	YEAR'S TOTAL 30·32
*Days with ·01 in. or more.	16	20	6	17	16	15	21	15	15	10	22	11	184
*Days with ·04 in. or more.	8	15	3	14	12	12	13	13	9	6	15	4	124

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(*Signed*) W. S. Crowley

[P.T.O.

*See Instruction 2 (*f*) on other side.

63 3158

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Wath upon Dearne, Chapel St

in the County of W. R. Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·03	·04	·02		·26			·02	·02		·02	1
2		·04		·64	·02	·53			·55	·02		·05	2
3				·08		·05	·03		·93		·15	·13	3
4		·10		·10			·38	·08	1·35				4
5		·03	·06		·21	1·08		·92	·04		·05	·18	5
6		·20				·09	·45		·01	·18	·05		6
7			1·03			·77	·02	·65		·06	·21		7
8	·03		·02	·03			·05	·73			·15		8
9		·17	·03	·28	·05	·06		·23	·12		·28	·02	9
10		·07	·05		·02	·01	·01	·09			·15		10
11		·35					·02		·22		·02		11
12	·02	·10					·78		·10	·04	·08		12
13		·07				·03	·01	·05	·02				13
14		·02			·02	·70	·22	·70			·58	·02	14
15		·07		·08			·07	·02	·02		·02	·03	15
16	·08	·12		·07	·09	·75	·01	·15	·25				16
17		·15		·35	·07	·04	·01	·12		·01	·01		17
18		·02		·23		·17	·35	·05		·03	·75		18
19	·03					·01	·15	·07	·17		·10		19
20	·02	·09		·08				·36			·01	·02	20
21	·06	·01			·24			·02			·10		21
22	·02				·21				·01		·01		22
23	·25			·07	·56	·18	·18		·01		·18		23
24	·02			·11	·54		·15				·01		24
25	·02			·45			·27						25
26	·11	·06		·14	·35		·04				·18		26
27	·10	·20		·02	·03		·02			·13	·25	·03	27
28	·16	·26		·14	·11							·07	28
29	·30	×			·12		·07			·15	·03		29
30	·03	×			·12								30
31	·23	×		×		×			×	·05	×	·03	31
TOTAL	1·48	2·16	·23	2·89	2·76	4·73	3·29	4·24	3·88	·69	3·37	·60	YEAR'S TOTAL 30·32
*Days with ·01 in. or more.	16	20	6	17	16	15	21	15	15	10	22	11	184
*Days with ·04 in. or more.	8	15	3	14	12	12	13	13	9	6	15	4	124

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*See Instruction 2 (*f*) on other side.

(Signed) Wm T. Crowley [P.T.O.

3158

Section **A** **for the entry of Daily Observations.** **COPY FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Wath-upon-Dearne, Chapel St.

in the County of W. R. Yorks

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·03		·05	·55		·03	·07	·14	·10		·04	1
2	·05				·34			·02	·12	·06		·10	2
3				·24	·03		·20			·03		·02	3
4	·01	·01		·13	·02	·01					·06		4
5	·07	·01	·10		·11								5
6	·45		·07	·05					·06				6
7			·09	·11					·17	·12	·02		7
8	·02			·04	·01				·10	·12	·02		8
9	·02	·14		·07	·04							·01	9
10	·05	·05		·02					·02	·18		·05	10
11	·06	·03		·06	·06	·10	·45			·02	·03		11
12	·06	·01	·05		·03		·05			·13	·05		12
13	·04	·08		·07	·02		·35		·02	·28	·03	·03	13
14	·06			·10			·06			·02	·13		14
15				·03	·08					·03	·04	·04	15
16	·18			·21	·05						·01		16
17							·08			·11	·01		17
18													18
19				·06				·01		·04			19
20				·03	·55		·03	·48		·22	·02		20
21			·15	·19	2·85			·40		·53		·04	21
22			·35	·02	·35		·14		·25	·02	·25	·03	22
23				·07	·08		·03			·07	·06	·02	23
24				·02	·02		·60		·02		·10		24
25		·04								·35	·03		25
26		·03		·15	·44		·02			·22	·13		26
27	·01		·25	·09	·40	·12	·03				·12		27
28	·02		·05	·20	·17		·27	·78		·33	·01		28
29			·12	·12	·02	·01	·02	·07	·18	·25	·01	·10	29
30		×	·07	·16		·23		·09	·15	·03	·13	·20	30
31		×	·07	×	·03	×	·27		×		×	·04	31
TOTAL	1·12	·43	1·37	2·29	6·25	·47 ~~·37~~	2·63	1·92	1·23	3·26	1·26	·72	YEAR'S TOTAL 22·95
*Days with ·01 in. or more.	15	10	11	24	22	5	16	8	11	22	20	13	177
*Days with ·04 in. or more.	9	4	10	20	14	3	10	6	8	16	10	8	118

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(Signed) T. Crowley

P.T.O.

*See Instruction 2 (*f*) on other side.

3158

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Wath-upon-Dearne, Chapel St.

in the County of W. R. Yorks

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·17	·13	·18	–							·04		1
2	·12		·33								·11		2
3	·04	·04	·08		·32						·08		3
4	·08	·03	·03		·01								4
5	·07	·02	·03		·24								5
6		·10	·07		·52							·06	6
7		·10			·22		·15			·68		·03	7
8			·32		·02		·32				·04	·04	8
9		·24					·32			·46			9
10		·06				·07				1·83	·03		10
11					·02		·02			·12			11
12	·05					·08	·05						12
13					·35		·10		·14	·01	·10		13
14	·02						·02	·03		·04	·20		14
15	·17						·15	·01		·13	·76	·07	15
16	·65		·33	·01	·08	·03	·15			·06	·06		16
17	·13		·80	·01	·02	·04		·01			·08		17
18			·15	·01		·09					·07		18
19			·41	·01		·01					·03		19
20		·15						·04	·06		·03		20
21						·20		·05			·02		21
22						·18		·12		·66			22
23		·02		·13					·46				23
24		·75		·20	·08	·20			1·00		·05		24
25		·75		·19	·11				·07	·02		·05	25
26		1·00		·19						·08			26
27		·02		·02	·05				·05	·16			27
28		·02		·04	·12		·05		·01	·15			28
29				·25						·19			29
30	·08	×	·03	·35			·08			·02			30
31	·10	×		×		×		·01	×	·02	×		31
TOTAL	1·68	3·43	2·76	1·41	2·16	·90	1·41	·27	1·79	4·63	1·70	·25	YEAR'S TOTAL 22·39
*Days with ·01 in. or more.	12	15	12	12	14	9	11	7	7	16	15	5	135
*Days with ·04 in. or more.	11	10	9	7	10	7	9	3	6	12	11	4	99

40-9999

*See Instruction 2 (*f*) on other side.

D M

(*Signed*) Dr. T. Copawley

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3158

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Wath-upon-Dearne, Chapel St.,
in the County of W.R. Yorks
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1								·03	·25	·04		·05		1
2								·06	·11		·07	·25		2
3	·01									·07	·02			3
4	·03	·02	·02	·25					·07	·25		·60		4
5			·09		·23			·11		·01	·08	·07		5
6			·03		·15	·02		·14		·08		·62		6
7	·05		·02			·05				·10		·15		7
8					·08	·23		·06		·03	·55	·02		8
9			·12	·02						·04	·72	·11		9
10			·34	·18				·01			·08			10
11	·38		·19	·36								·20		11
12			·17	·14			·26					·12		12
13	·30				·02		·18	·06				·02		13
14	·02		·22			·45				·16	·13	·10		14
15	·15		·09		·14				·25	·04	·10	·01		15
16	·10		·06		·23						·07	·02		16
17	·09		·02				·11		·10	·03	·03	·06		17
18	·10		·13	·18			·02					·02		18
19			·10	·08	·03	·06			·02					19
20			·01			·02			·02					20
21			·01			·23			·05	·03	·01			21
22									·25	·01				22
23			·02	·03			·39			·02	·05	·08		23
24		·07		·08		·11	·07	·04		·05		·02		24
25	·02		·08	·01	·04	·01			·05	·10		·37		25
26	·10			·03					·04			·04		26
27		·46		·44		·47	·02		·06	·14		·17		27
28				·16		·27		·11		·02		·26		28
29			·03					·06	·41	·06		·06		29
30	·04	×					·37			·03		·01		30
31		×		×		×			×	·14	×			31
TOTAL	1·39	·55	1·75	1·96	·92	1·92	1·42	·68	1·68	1·45	1·91	3·43	Year's Total 19·06	
*Days with ·01 in. or more.	13	3	19	13	8	11	8	10	13	21	12	24	155	
*Days with ·04 in. or more.	9	2	11	9	6	8	6	8	11	18	9	17	109	

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) Dr J Crowley

[P.T.O.

4/11

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3158

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Wath-upon-Dearne, Chapel St.
in the County of W. R. Yorks.
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20		·62			·02			·53	·07	·16	·10		1
2		·03	·03			·20				·57	·03	·02		2
3		·05	·20	·03						·03	·20			3
4						·08				1·10	·03			4
5		·20	·12	·05		·14			·03	·03	·05			5
6	·04			·05		·15								6
7	·05					·30				·17	·37	·10		7
8						·07		·25				·11		8
9				·17		·10				·60	·17	·02		9
10				·05		·09				·15	·05			10
11	·25					·05					·11	·09		11
12		·02							·01					12
13	·10	·03		·09										13
14		·03			·23	·04			·14		·53	·12		14
15		·02		·33	·03		·10		·07		·22	·12		15
16		·42	·15	·04		·05	·10		·37		·57			16
17		·03		·06	·11	·37	·05	·03	·15		·71			17
18	·04			·18		·13	·40	·15	·12	·09	·15			18
19	·03			·10		·20	·05			·03	·18			19
20		·08		·50		·04					·45			20
21		·44		·05							·10			21
22		·26		·11							·02			22
23			·08	·10				·80	·56	·19				23
24	·06	·56	·05						1·00			·16		24
25	·11					·05						·06		25
26		·10					·01	·50	·32	·02		·24		26
27		·15			·04				·30			·61		27
28	·20	·03						·06	·06			·20		28
29			·05						·05	·07		·12		29
30	·04	×		·02				·10	·03	·11	·02	·02		30
31		×		×		×		·01	×	·30	×	·13	Year's Total	31
TOTAL	1·12	2·45	1·30	1·93	·41	2·08	·71	1·90	3·74	3 ~~2~~·53	4·12	2·22	25·51	
*Days with ·01 in. or more.	11	16	8	16	4	17	6	8	15	15	19	16	151	
*Days with ·04 in. or more.	10	9	7	14	3	16	5	6	12	11	15	13	121	

40-9999
*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.
(*Signed*) Dr. J. Crowley

[P.T.O.

[illegible] 5/3.

COPY FOR OFFICIAL USE.

Section A **for the entry of Daily Observations.** **Station No.** 3158

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Wath-upon-Dearne, Chapel St

in the County of W. R. Yorks.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

TL

Copy by B.R.O.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·11	·12	·41			·01	·18	·02	·02	·02	·16		1
2		·08	·06			·75	·17	·03		–	·18	·15		2
3	·04					·15		·03	·14	–	–	·03		3
4	·02		·06	·01				·02	·04	–	·22	·08		4
5	·08		·24		·02			·10	·04	–	–	·17		5
6					·01	·05	·11	·27	·42	–	·11	–		6
7	·22		·02				·40		·07	–	·01	–		7
8	·09		·11						·02	·02	·18	–		8
9	·17		·02				·95			·03	·26	–		9
10							·75	·07	·05	–	·14	–		10
11				·06		·03	·03	·10		–	·44	–		11
12					·03	·90	·39		·35	–	·16	·09		12
13				·22		·18			·03	·04	–	·25		13
14				·08		·04	·03		·20	–	·05	·07		14
15	·35		·02	·22				·05	·02	–	·20	·02		15
16	·35			·05			·03			–	·40	–		16
17		·53			·03		·03			·07	·04	·04		17
18		·03					·04	·03		·26	–	–		18
19	·35	·05				·23	·02	·33		·03	–	–		19
20	·10	·15	·03			·43	·03		·02	·03	–	–		20
21			·03	·04		·02				–	–	–		21
22	·02	·43	·11		·02	·93	·10			–	–	–		22
23		·05	·07	·05	·09		·35			–	–	–		23
24	·13	·08			·35				·25	·27	–	–		24
25	·15		·06				·05		·20	·09	–	–		25
26		·08	·45				·27		·10	·21	·06	–		26
27	·16		·04						·13	·25	–	–		27
28	·21	·53	·04							–	·05	·07		28
29	·25	·42	·11			·28	·02			·02	·23	·13		29
30	·05	×			·24	·05	·15			·85	·05	–		30
31	·07	×	·03	×		×			×	–	×	·10		31
TOTAL	2·8~~2~~ 1	2·~~64~~ 5	1·62	1·14	·79	4·04	3·93	1·21	2·10	2·19	2·80	1·36	Year's Total. 26·53	✓
* Days with .01 in. or more.	18	~~16~~ 12	18	~~9~~ 10	8	13	20	11	17	14	18	13	172 ✓	✓
* Days with .04 in. or more.	16	~~14~~ 11	12	~~8~~ 9	3	11	12	7	12	8	16	11	128 ✓	✓

Omission?

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Dr. T. Crowley

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3158

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Wath-upon-Dearne, Chapel St.

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

T.L Copy by B.R.O.
Copy by B.R.O.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	·08	·04	–	–	–	–	–	·05	–	·02	·13		1
2	–	·08	–	·27	–	–	·01	–	–	–	–	1·85		2
3	–	·03	·01	·20	–	·02	·01	–	–	–	–	·02		3
4	·09	–	·03	·09	–	–	–	–	–	–	–			4
5	·15	–	·03	–	–	–	–	–	–	–	–	·33		5
6	–	–	·16	·03	·12	–	·17	–	–	–	·03			6
7	–	·40	–	·28	·15	–	–	–	–	–	·06	·21		7
8	–	·45	–	·06	–	–	–	–	–	–	·14			8
9	·01	·12	–	·02	·28	–	·50	·08	–	–	–			9
10	–	·06	–	·10	·03	·06	–	–	–	·01	–	·40		10
11	–	–	·95	–	·73	–	–	–	–	–	–			11
12	·04	·35	·25	–	·30	·21	–	–	·18	–	–	·13		12
13	–	·04	–	–	·04	1·09	–	–	·10	–	–	·17		13
14	–	–	·28	–	–	–	–	·02	·01	–	–	·16		14
15	·09	·25	–	·37	–	–	1·55	–	·03	–	–	·03		15
16	·09	·06	·22	·54	–	–	–	·09	·20	–	–			16
17	·20	–	·26	·31	–	–	–	–	1·00	–	–			17
18	1·00	·05	·07	–	–	·04	·05	·02	–	–	·43			18
19	–	–	·01	·02	–	·10	·10	–	–	–	·43			19
20	·12	·09	–	·20	·65	–	–	–	·02	–	–			20
21	·03	·02	–	–	–	–	·21	–	–	·03	–	·02		21
22	–	–	·01	–	·02	–	–	–	–	·14	·15			22
23	·33	–	–	–	·01	–	·09	–	–	1·40	·38			23
24	·16	·23	·02	–	–	–	–	–	·05	·20	–			24
25	·11	·29	–	–	–	–	–	–	–	·27	–			25
26	–	·18	·13	–	·35	–	–	–	·01	–	–			26
27	–	·03	–	·16	–	–	–	–	–	·58	–	·05		27
28	–	·58	·05	–	–	·01	–	–	–	·02	–			28
29	–	–	–	–	–	·02	–	–	–	·01	·02	·02		29
30	·35	✕	–	–	–	–	–	·06	–	·02	·02	·03		30
31	·31	✕	–	✕	–	✕	–	–	✕	·30	✕	·05		31
TOTAL	3·11	3·39	2·52	2·65	2·68	1·55	2·69	·27	1·65	2·98	1·68	3·60	Year's Total 28·77	✓
* Days with .01 in. or more.	16	19	16	14	11	8	9	5	10	11	10	15	144	✓
* Days with .04 in. or more.	13	16	10	11	8	5	7	3	6	6	6	10	101	✓

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3158

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Wath upon-Dearne, Chapel St.

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

,, Ground ,, Sea Level 188 ft.

T. L.

Copy by B.R.O.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·02	–		·04	·55	·43	–	–	–	·08	·12		1
2	·06	–	–		·07	·02	–	–	·17	·12	·01	·12		2
3	·03	–	–	·04		·03	·04	–	–	·95	–	–		3
4	·08	–	–				·05	–	–	·10	–	·14		4
5	–	–	–			·15	·02	·32	·02	·48	–	·02		5
6	–	·01	–				·32	·25	·02	·04	–	–		6
7	·09	–	–				·17	·07	·29	–	–	·05		7
8	·40	–	–				·12	·01	–	·30	–	·08		8
9	·05	·05	–			·08	·02	2·40	–	–	–	·28		9
10	–	·07	–			·04	·16	·01	–	·02	–	·04		10
11	·23	–	–				·09	–	–	–	·02	·03		11
12	·10	·03	–		·05		·01	·13	–	·20	·03	–		12
13	–	–	–				–	·38	–	·08	·05	·27		13
14	·13	·09	–		·02		·27	–	·17	–	–	–		14
15	·39	–	–				·47	·02	–	–	·01	·33		15
16	·10	–	–				·46	–	·52	–	·06	·27		16
17	–	–	–		·25		·11	·01	·02	·06	–	–		17
18	·03	·01	–		·15	·05	–	·03	·02	·07	·13	–		18
19	–	–	–		·01		–	·11	·02	–	–	–		19
20	–	–	–				–	–	–	–	·31	·31		20
21	–	–	–				–	–	–	–	·02	–		21
22	–	–	–	·02		·39	–	–	–	–	·25	·25		22
23	–	–	–		·01	·08	–	–	·22	–	·29	–		23
24	–	–	·11	·01	·01		–	·22	·25	·02	·12	·02		24
25	·03	·10	·01				–	·03	–	·16	·69	·07		25
26	–	·70	·07				–	–	·11	·10	·02	–		26
27	·02	·01	–		·13	·25	·15	·30	·07	·01	·16	–		27
28	–	–	–		·55	·11	·06	·62	·08	·05	–	·01		28
29	–	–	–	·07	·73	·03	–	–	–	·01	·07	–		29
30	·18	×	–		·12	·04	–	–	·10	–	·08	·09		30
31	·18	×	–	×	·36	×	–	–	×	·12	×	·55		31
TOTAL	2·10	1·09	·19	·14	2·50	1·82	2·95	4·91	2·08	2·89	2·40	3·05	Year's Total 26·12	✓
* Days with .01 in. or more.	16	10	3	4	14	13	17	16	15	18	18	19	163	✓
* Days with .04 in. or more.	12	5	2	2	10	10	14	10	10	14	12	15	116	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) T. Crowley [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1939

Kept at Wath-upon-Dearne, Chapel St.

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" Ground " Sea Level 188 ft.

Copy by B.R.O.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	—	·04	·10	—	—	·12	·17	—	—	—	—		1
2	·06	—	—	·10	—	—	—	·15	1·56	·08	·03	—		2
3	—	—	—	·09	—	—	—	·32	—	·01	·19	·28		3
4	—	—	·17	·44	—	—	·05	·14	—	·04	·02	·27		4
5	—	—	—	·01	·03	—	·25	·01	—	·12	·21	·19		5
6	·55	—	—	—	—	—	·39	—	—	·02	·14	—		6
7	·20	·06	·07	—	·	—	·02	—	—	—	·23	·17		7
8	·04	—	·09	—	—	—	·11	—	—	·01	·12	·23		8
9	—	·03	—	—	—	—	·01	·20	—	·60	—	·12		9
10	—	—	—	—	—	—	—	·03	—	·02	—	—		10
11	·79	·01	·20	—	·04	·37	—	—	·01	—	—	—		11
12	—	·08	—	—	—	·11	—	—	—	—	·01	—		12
13	—	—	—	·02	·04	·08	—	—	·07	·03	—	—		13
14	·58	—	—	·08	·15	·12	45	—	—	·28	·04	—		14
15	·03	—	—	—	·21	·28	·90	—	·03	·01	—	—		15
16	—	—	·25	—	·85	—	·28	—	—	— }	·06	—		16
17	·97	—	·01	·21	·05	—	·18	—	—	·50 }	—	—		17
18	—	·02	·03	—		·33	·28	—	·01	·03	1·16	—		18
19	·47	—	—	—		·17	25	—	·08	—	—	—		19
20	—	—	—	—		·15	40	·25	·44	—	—	—		20
21	·12	·09	·18	·05	·10	·06	·14	·10	·31	—	—	—		21
22	·13	·24	·07	—	—	—	·03	—	·04	—	·08	—		22
23	·14	—	—	·04	—	·04	02	—	—	·08	·32	—		23
24	—	·01	·20	·01	—	·02	·06	·01	—	—	—	—		24
25	·65	—	—	—	—	·01	—	·38	—	—	·24	—		25
26	·02	·01	—	—	—	—	—	·01	—	·05	·05	·11		26
27	·02	·04	34	—	—	·05	·02	—	—	·15	·17	—		27
28	·06	·14	·25	·10	—	·03	·12	—	—	—	·18	—		28
29	—		·03	·04	—	—	1·01	—	—	·23	—	—		29
30	—		—		—	—	—	—	—	—	·15	—		30
31	—		—		—		·04	—		·04		—		31
Total	4·85	·73	1·93	1·29	1·47	1·82	5·13	1·77	2·55	2·30	3·40	1·37	Year's Total 28.61	
* Days with .01 in. or more.	17	11	14	13	8	14	22	12	9	18	18	7	163	
* Days with .04 in. or more.	13	6	11	10	7	11	17	8	6	11	15	7	122	

† Spare column, no entries required.

(Signed) ....

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1[illegible]0

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Wath-upon-Dearne Chapel St.

Feb. amended by ref. to nearby stations

in the County of W. Riding Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

„ Ground „ Sea Level 188 ft.

BRITISH RAINFALL ORGANIZATION.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–		–	–	–	–	–	–	–	·25	–		1
2	–	–		·27	–	–	–	–	–	–	·25	·04		2
3	–	·22		·07	–	–	–	–	·03	·15	–	·05		3
4	–	·28		·10	–	–	·01	–	·01	·14	·35	·10		4
5	–	~~·44~~ ·04		–	·14	–	·07	–	·02	·14	·15	·30		5
6	·08	~~·70~~ ·10		–	–	–	–	–	–	·81	·04	·03		6
7	–	~~·60~~ ·30		·03	·11	–	–	–	–	–	–	·02		7
8	–	–		·07	–	–	–	·04	–	·10	–	·11		8
9	–	–	·16	–	–	–	–	·01	–	·05	·70	·02		9
10	–	–		–	–	–	·97	·01	–	–	·07	·15		10
11	–	·05		–	–	–	·23	–	–	–	·67	–		11
12	–	·01	·20	–	–	–	·04	–	·04	–	·08	–		12
13	–	·05	·18	–	–	–	–	–	·04	–	·02	·01		13
14	–	–		·08	·20	–	·10	–	–	–	–	·24		14
15	–	–	·15	–	·05	–	–	–	·07	·02	·15	·01		15
16	·16	·15	·04	–	–	–	·40	–	·09	·82	·48	·08		16
17	–	–	·39	–	–	–	·58	–	·03	·02	·54	·01		17
18	·08	–	·11	·72	–	–	·14	·07	·01	–	·02	·06		18
19	–	·46	·02	·25	–	–	·18	–	·32	·10	·12	·03		19
20	–	~~·33~~ ·03		·23	–	–	·05	·08	–	·05	·06	–		20
21	·02	~~·29~~ ·03	·05	–	–	·30	·02	–	–	·13	1·01	–		21
22	–	~~·24~~ ·02	·01	–	·03	·13	–	–	·15	·01	·01	·03		22
23	–	·06	·01	–	–	·04	·01	–	–	·02	·08	·05		23
24	·09	–		–	–	–	–	–	·01	·07	–	·04		24
25	·13	–		–	–	–	–	–	–	·02	–	·01		25
26	·44	–		–	·03	–	·09	·03	–	·05	–	–		26
1·83 27	·60	·07		–	–	–	·02	·05	·01	·01	·02	–		27
28	·29	·54		–	·18	–	–	–	–	–	–	–		28
29	·03	–	·10	–	–	·04	–	–	–	–	–	·31		29
30	·20	✕		·18	–	–	–	–	–	·15	–	·25		30
31	·14	✕	·14	✕	–	✕	–	–	✕	·77	✕	·13		31
TOTAL	2·26	~~4·49~~ 2·41	1·56	2·00	·74	·51	2·91	·29	·83	3·63	5·07	2·08	Year's Total 24·29	
* Days with .01 in. or more.	12	16	13	19	7	4	15	7	13	20	20	23	169	
* Days with .04 in. or more.	10	~~15~~ 12	10	9	5	4	11	4	6	14	16	14	115	

† Spare column, no entries required.

(*Signed*) T. Crowley [P.T.O.

* See Instruction 3 (f) on other side.

3158|2

HAZLEHEAD TOWN BROOK
INTAKE

1937 - 1940

780601

Secti **A** for the entry of Da
AIR MINISTRY.

ation No. 3158/2
L ORGANIZATION

FORM 1090

REGIST

Kept at Hazlehead, Town B
in the County of W. R. Yorks
Diameter of Funnel of Gauge.......... 5
Height of top of Gauge above Groun
,, Ground ,, Sea Le

M.
THLY

THE MORNING MEASUREM **DAY**

An observer who does not conform to t *llowing*
year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3										-				3
4														4
5												1·50		5
6														6
7											·28			7
8														8
9														9
10										·01				10
11														11
12												1·45		12
13														13
14											·12			14
15														15
16														16
17										-				17
18														18
19												·65		19
20														20
21											1·32			21
22														22
23														23
24										2·40				24
25														25
26												·20		26
27														27
28											·81			28
29														29
30		✕												30
31		✕		✕		✕			✕	1·60	✕			31
TOTAL										4·01	2·53	3·80	Year's Total ~~10·34~~	Three months only.
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Lindow Bell [P.T.O.
Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

N

COPY FOR OFFICIAL USE

Sect| A | for the entry of Daily Observations

Station No. 3158/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Hazlehead, Town Brook Intake

in the County of W. R. Yorks Weekly

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 1,037 approx. ft.

new site

TRAVELLING FORM.

VALUES F[illegible]ED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3										-				3
4														4
5												1·50		5
6														6
7											·28			7
8														8
9														9
10										·01				10
11														11
12												1·45		12
13														13
14											·12			14
15														15
16														16
17										-				17
18														18
19												·65		19
20														20
21											1·32			21
22														22
23														23
24										2·40				24
25														25
26												·20		26
27														27
28											·81			28
29														29
30		☒												30
31		☒		☒		☒			☒	1·60	☒			31
TOTAL										4·01	2·53	3·80	Year's Total ~~10·34~~	Three months only.
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N ✓

(Signed) W. Gordon Bell [P.T.O.

Assoc.M.Inst.C.E.,

Waterworks Engineer & Manager,

Barnsley Corporation.

(45) Readings on last day of month est'd from Surr. Stns.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

May 13

Kept at Hazlehead, Lown Brook Intake

new Site

1937

in the County of W.R. Yorks 17

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level 1037 ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

§ 66 08 70/26

~~Observations taken Weekly~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1					–									1
2	10 ~~·28~~									·68 ~~1·93~~				2
3				·60 ~~1·00~~			00 1·~~78~~							3
4									·10			0 1·~~3~~5		4
5						1·55								5
6		3 ·~~7~~5	~~·16~~								1·10 ~~8·00~~			6
7								·90						7
8					·12									8
9	1·10									5·90				9
10				·05			1·75							10
11									·45			·90		11
12						·30								12
13		·75	·21								·58			13
14								·24						14
15					·13									15
16	3·10									2·40				16
17				–			1·12							17
18									·60			·80		18
19						·11								19
20		·04	·10								1·10			20
21								1·10						21
22					·40									22
23	·27									·72				23
24				·03			·10							24
25									·60			·65		25
26						1·10								26
27		1·20	·55								3·10			27
28		·16						1·20						28
29					22550									29
30	2·00	✗		–		·78			1·25	·68	·30			30
31	·40	✗	·40	✗	·50	✗	·50		✗	·90	✗	1·40		31
TOTAL	97 6·~~75~~	50 2·~~74~~	26 1·~~02~~	·68 ~~1·08~~	3·65	84 3·~~06~~	4·47 ~~5·25~~	3·44	3·06 ~~1·75~~	28 11·~~63~~	1 6·~~7~~8	4·80 ~~3·70~~	Year's Total ~~50·85~~	52·07 ✓
* Days with .01 in. or more.														print EB
* Days with .04 in. or more.														20/4/39

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .... [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

TURF WALL ROUND GAUGE

Jan corrected from Dec 1978

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations**

Station No. 3158/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Hazlehead, Lown Brook Intake

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

new Site

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Observations taken weekly

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	~~1·65~~ ·25									–				1
2				·23			·68							2
3									1·14			1·70		3
4						–								4
5		–	1·19								·85			5
6								·75						6
7					·25									7
8	1·55									1·10				8
9				·90			1·70							9
10									·40			2·70		10
11						·60								11
12		1·70	·95								·90			12
13								·66						13
14					·50									14
15	2·34									1·00				15
16				·78			·40							16
17									·10			·05		17
18						1·20								18
19		·52	·30								1·50			19
20								·27						20
21					1·82									21
22	1·85									·70				22
23				·55			1·59							23
24									·76			·10		24
25						·90								25
26		2·10	·90								3·85			26
27								·25						27
28					–									28
29	·70	–								·83				29
30		X		·31		·41	2.10				1·95			30
31	–	X	1·28	X	–	X	·41	–	X	·24	X	·20		31
TOTAL	~~8·09~~ 6·69	4·32	4·62	2·77	2·57	3.11	6·88	1·93	2·40	3·87	9·05	4·75	Year's Total 52·96	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Hardin Lees ~~Assoc.~~ M. Inst. C. E.
Waterworks Engineer & Manager.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Hazlehead Lown Brook Intake

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

New Site

Jan. 25 - 31
Feb 25 } corr'd for snow

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									–			·17		1
2						–								2
3			–								1·05			3
4		0.95						–						4
5					·13									5
6										2·30				6
7	·16			·85			·15							7
8									·17			1·60		8
9						–								9
10			·24								2·60			10
11		–						·75						11
12					·15									12
13										1·05				13
14	–			·70			1·43							14
15									1·35			1·75		15
16						·05								16
17			2·20								3·90			17
18		–						·20						18
19					·10									19
20										1.18				20
21	Snow ·25			1·50		·30	2·35							21
22									2·35			·45		22
23						·60								23
24	(·40)		1·15								2·00			24
25		(1,90)						·45						25
26					·20									26
27	(3.00)									·35				27
28				·17			·40							28
29		·95							·20			·60		29
30		✕		·55		·15			–		·17			30
31		✕	·55	✕	·33	✕	–	·12	✕	1·30	✕	·50		31
TOTAL	(3·81)	3·80	4.14	3·77	0·91	0·80	4·33	1·52	4·07	6·18	9·72	5·07	Year's Total 48.12	"W"
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

3158/3

DUNFORD BRIDGE
LONG GRAIN
1935 - 1940

480601

3158/3
WR

FORM 1090.

B M… S… …n,

. The following register of mo… …tion and also the space for &c., is NOT required if da… values are given on the oth…

…this register should be sent:—

…y, Yorks.

RAINFALL IN 1…

X DUNFORD BRIDGE

At (Long Grain)

…in Summer…

In the County of York (W.… …ance 900 yds. Direction from gauge E.S.E.

Nearest Parish Church at Carlecotes. Distance 1 mile 240 yds. Direction from gauge S.W.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. - in.
Height of Ground above Sea Level 1,125 approx. ft.

~~Nature of objects nearest to gauge~~	Longitude.	Latitude.
~~Height of objects~~	1° 44' 58".	53° 30' 45".
~~Distances~~ …		
~~Directions from gauge~~ …		

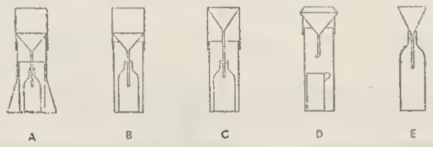
Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·49				
FEB.	7·935				
MAR.	2·25				
APRIL	4·20				
MAY	0·55				
JUNE	5·20				
JULY	2·10				
AUG.	2·15				
SEPT.	7·30				
OCT.	10·90				
NOV.	8·60				
DEC.	3·90				
TOTAL	57·575	Print			

If gauge has been moved during the year state—

Date of move… Distance… Direction…

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

…

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

J.R. Fox Esq CE

Signature … M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1936.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

N

3158/3

WR.

FORM 1090.

B Monthly Summary.

_ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

X DUNFORD BRIDGE X

At (Long Grain)

In the County of York (W.R.)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* - *in.*
- *Height of Ground above Sea Level* 1,125 approx. *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·49				
FEB.	7·935				
MAR.	2·25				
APRIL	4·20				
MAY	0·55				
JUNE	5·20				
JULY	2·10				
AUG.	2·15				
SEPT.	7·30				
OCT.	10·90				
NOV.	8·60				
DEC.	3·90				
TOTAL	57·575	Print			

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Waterworks Engineer,
Town Hall, Barnsley, Yorks.

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station Dunford Bridge. Distance 900 yds. Direction from gauge E.S.E.

Nearest Parish Church at Carlecotes. Distance 1 mile 240 yds. Direction from gauge S.W.

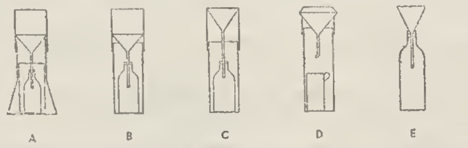
~~Nature of objects nearest to gauge~~	Longitude.	Latitude.	
~~Height of objects~~	1° 44' 58".	53° 30' 45".	
~~Distances~~ ...			
~~Directions from gauge~~ ...			

If gauge has been moved during the year state –

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

J.R. Fox Esq CE

Signature J.R. Fox M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1936.

*See Instruction 2 *(f)* below.

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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N

3158/3

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Long Grain

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above ~~Ground~~ ....ft..........in.* as before.
- *Height of Ground ~~above~~ Sea Level..........ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·20				
FEB.	3·64				
MAR.	4·38				
APRIL	2·10				
MAY	1·86				
JUNE	5·74				
JULY	4·37				
AUG.	1·73				
SEPT.	5·84				
OCT.	6·11				
NOV.	7·79				
DEC.	5·43				
TOTAL	54·19 ✓				

Signature W. Endonlee. Assoc.M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 22nd 1937.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

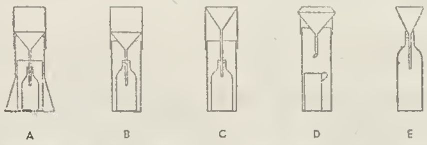
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 2
23 JAN. 1937

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Sect **A** for the entry of Daily Observations

Station No. 3158/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at ~~Dunford Bridge, Long Grain~~ Weebly ‡ Moved

in the County of ~~W. R. Yorks~~

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3	·88									–				3
4				·45			·03							4
5									·24			1·34		5
6						·20								6
7		1·34	·65								·28			7
8								·23						8
9					·80									9
10	2·40									·01				10
11				·65			·68							11
12									·63			1·33		12
13						·86								13
14		1·36	1·60								·13			14
15								·24						15
16					1·25									16
17	·79									–				17
18				1·20			1·28							18
19									·73			·60		19
20						·32								20
21		1·60	1·15								1·33			21
22								·34						22
23					·75									23
24	1·83									2·43				24
25				·35			·86							25
26									·13			·22		26
27						–								27
28		1·99	·50								·87			28
29								·12						29
30		✕		·30	·37	·31			–		·40			30
31	1·01	✕		✕		✕		·32	✕	1·68	✕	·18		31
TOTAL	✓ 6·91	✓ 6·29	✓ 3·90	✓ 2·95	✓ 3·17	✓ 1·69	✓ 2·85	✓ 1·25	✓ 1·73	✓ 4·12	✓ 3·01	✓ 3·67	Year's Total 41·54	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

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Section **A** for the entry of Daily Observations

Station No. 3158/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Dunford Bridge, Long Grain.

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level 1125 ft.

new site

TRAVELLING FORM

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1					–									1
2	·08									1·07				2
3				·60			·39							3
4									·10			1·27		4
5						1·76								5
6		·35	·01								1·41			6
7								·96						7
8					·10									8
9	1·32									6·08				9
10				·06			2·14							10
11									·42			·94		11
12						·33								12
13		·86	·37								·64			13
14								·26						14
15					·17									15
16	3·35									2·77				16
17				–			1·25							17
18									·70			·86		18
19						·26								19
20		·06	·13								1·11			20
21								1·20						21
22					·32									22
23	·27									·79				23
24				·02			·10							24
25									·44			·60		25
26						1·24								26
27		1·65	·60								3·88			27
28		·16						1·04						28
29					2;57									29
30	2·18	✕		–		1·27			·85	·77	·36			30
31	·45	✕	·60	✕	·54	✕	·63	–	✕	·68	✕	1·55		31
TOTAL	7·65	3·08	1·71	0·68	3·70	4·86	4·51	3·46	2·51	12·16	7·40	5·22	Year's Total 56·94	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. Enderlee [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Dunford Bridge, Long Train

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

new Site

TRAVELLING F...

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20									–				1
2				·25			·80							2
3									1·00			1·20		3
4						–								4
5		–	·58								·80			5
6								·82						6
7					·35									7
8	1·57									1·45				8
9				·81			1·95							9
10									·50			3·25		10
11						·62								11
12		2·11	1·03								1·16			12
13								·60						13
14					·50									14
15	2·37									1·10				15
16				·97			·65							16
17									·05			·05		17
18						1·45								18
19		·63	·31								1·52			19
20								·30						20
21					1·70									21
22	2·00									·67				22
23				·70			1·30							23
24									·75			·08		24
25						·65								25
26		2·25	·91								3·95			26
27								·22						27
28		·69			–									28
29	·64									·90				29
30		✕		·32		·47	2·32		–		2·25			30
31	–	✕	1·34	✕	–	✕	·45	–	✕	·22	✕	·15		31
TOTAL	6·78	5·68	4·17	3·05	2·55	3·19	7·47	1·94	2·30	4·34	9·68	4·73	Year's Total 55·88	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Waterworks Engineer & Manager. ~~Assoc.~~ M. Inst. C.E.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Dunford Bridge, Long Drain

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

„ Ground „ Sea Level ....ft.

Jan 25-31
Feb 1-17 } con'd for snow

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									–	–		·22		1
2						·–				–				2
3			–								1·10			3
4								–						4
5					·10									5
6										2·25				6
7	·18	(2.00)		·95			·14							7
8									·20			1·40		8
9						–								9
10			·25								2·87			10
11								·82						11
12					·15									12
13										·90				13
14	–			·60			1·25							14
15									1·65			1·68		15
16						·02								16
17			2·05								4·07			17
18		·10						·27						18
19					·08									19
20										1·10				20
21	Snow ·20			1·30			2·30							21
22									2·35			·46		22
23						·73								23
24	(·40)		1·10								2·05			24
25		·75						·55						25
26					·17					·43				26
27	(3.10)													27
28				·16			·25							28
29		·95							·10			·60		29
30		✕		·75		·10			–		·17			30
31		✕	·60	✕	·45	✕	–	·11	✕	1·45	✕	·55		31
TOTAL	(3.88)	(3.80)	4·00	3·76	0·95	0·85	3·94	1·75	4·30	6·13	10·26	4·91	Year's Total (48·53)	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

3158/5

HAZLEHEAD

CAT. CLOUGH

1933 - 1940

480601

3158/5

W.R. York/

FORM 1090. **B** Mon
Sum

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other sid

and also the space for

register should be sent:—

RAINFALL IN 1933

HAZLEHEAD

At (Cat Clough)

In the County of York (W.R.

Rain Gauge

Diameter of Funnel 5

Height of Top above Ground 1 *ft*

Height of Ground above Sea Level 889 *ft.*

in Summer

3/4 Direction from gauge E.

Direction from gauge

Month.	Total Depth,	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·80				
FEB.	7·40				
MAR.	3·00				
APRIL	1·45				
MAY	1·75				
JUNE	2·95				
JULY	3·70				
AUG.	0·60				
SEPT.	2·30				
OCT.	5·40				
NOV.	2·60				
DEC.	0·70				
Total	36·65	Part A			

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

C 1933

Signature JRFox M. Inst. C.E., X J.R. FOX, ESQ; C.E. X
Waterworks Engineer and Manager,
Barnsley Corporation.

OK print

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D N

3158/5

W.R. Yorks/7

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

HAZLEHEAD

At Cat Clough

In the County of York (W.R.)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* – *in.*
- *Height of Ground above Sea Level* 889 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·80				
FEB.	7·40				
MAR.	3·00				
APRIL	1·45				
MAY	1·75				
JUNE	2·95				
JULY	3·70				
AUG.	0·60				
SEPT.	2·30				
OCT.	5·40				
NOV.	2·60				
DEC.	0·70				
Total	36·65	Part D			

Signature .... M. Inst. C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

J. R. FOX, ESQ., C.E.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Hazlehead Distance ¾ Direction from gauge E.

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

C 1933

OK print

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D N

3158/5

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

"Cat Clough"

At *Nogden Foot

In the County of York (W.R.).

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with '01 in or more	Number of Days with '04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·50				
FEB.	0·30				
MAR.	4·70				
APRIL	2·90				
MAY	2·87				
JUNE	1·30				
JULY	2·30				
AUG.	3·00				
SEPT.	3·10				
OCT.	5·30				
NOV.	3·00				
DEC.	6·52				
Total	39·79				

Signature .... M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1935.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

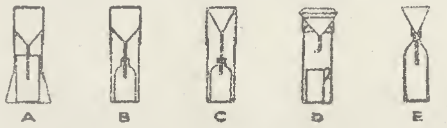
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*The return for this gauge was sent in for 1933, but it was then described as "Cat Clough".

noted on BR pages

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Form 1090.

3158/5

B Monthly Summary.

*** The following register of monthly totals, &c., is **NOT** required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Cat Clough (Wogden Foot),

In the County of York (W.R.).

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*.......*ft*..........*in.*
- *Height of Ground above Sea Level*..............*ft.*

As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	2·69	0·96	24	15	9
Feb.	8·83	3·04✓	15	19	17
Mar.	2·47	1·28	23	11	9
April	4·25	0·87	10	19	18
May	0·59	0·26	13	8	4
June	4·21	0·78	15	21	19
July	1·82	0·58	27	11	11
Aug.	1·985	0·89	26	6	5
Sept.	5·50	1·03	24	20	17
Oct.	11·245	1·60	9	25	21
Nov.	8·705	1·40	20	25	23
Dec.	4·14	0·40	8	21	18
Total	56·435			201	171

Signature .... M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation. January 21st 1936.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.......................... Distance.............. Direction from gauge..............

Nearest Parish Church at.......................... Distance.............. Direction from gauge..............

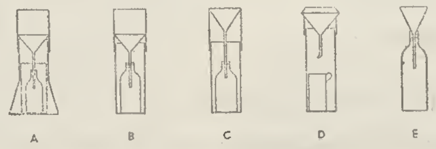
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **E**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3158/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Wogden Foot (Cat Clough)

In the County of York (W.R.).

Rain Gauge
Diameter of Funnel..............in.
Height of Top above Ground......*ft*..........*in.*
Height of Ground above Sea Level..........*ft.*
As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·21	0·65	20	21	21
FEB.	3·86	0·85	17	14	10
MAR.	4·42	0·80	26	17	15
APRIL	2·07	0·72	1	13	11
MAY	1·73	0·64	30	10	8
JUNE	4·58	1·03	22	17	13
JULY	4·02	0·60	10	22	17
AUG.	1·39	0·40	19	8	8
SEPT.	5·07	1·40	7	17	12
OCT.	5·82	1·00	18	20	16
NOV.	7·69	1·95	9	18	15
DEC.	5·36	0·95	14	19	17
TOTAL	51·22 ✓			196 ✓	163 ✓

Signature .... Assoc.M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
....
....

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

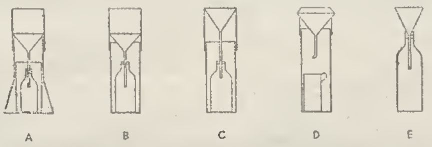
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Note. No readings are taken on Sunday morning at the Wogden Foot gauge. The determination of Saturday as a rain or other day has been governed by comparison with Midhope and Barnside.

January 22nd 1937.

D INSTRUCTIONS.

M.O. 7

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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- (a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
  9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Hazlehead, Wogden Foot [CAT. CLOUGH]

in the County of W. R. Yorks.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES F[illegible]ED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·32	·24	·07	–	–	–	·02	–	·29	–	·05	·24		1
2	·45	·46	·15	·24	–	–	–	–	–	–	–	·77		2
3	·14	·08	–	·25	·03	·20	·01	–	–	–	–	·03		3
4	·50	·03	·09		·10	–		·06	–	–	–	·27		4
5	1·52	–	·15	–	–	–	–	–	–	–	–			5
6	·18	·64	·27	·04	·11	–	·11	·16	–	–	·21	·39		6
7	·14			·46	·06	·06	–	–	·16	–		–		7
8	·01	·49	–	·06	·42	–	·05	–	–	–	·13	·17		8
9	–	·42	·06	–		–	·40	·02	·01	·01	–	·02		9
10	·03	·17	–	·02	·03	·03	–	·01	–		·01	·43		10
11	–	–	1·31		·77	–	–	–	·36	–	–	·26		11
12	·22	·25	·14	·01	·34	·68	–	·01		–	–			12
13	–	·13	·15	·–	·08		–	·04	·06	–	–	·16		13
14	–			–	–	–	–	·13	·10	–	–	·35		14
15	·27	·40	–	·17	–	–	1·27		·09	–	–	·05		15
16	·28	·68	·46	·68	–	–	–	·15	·21	–	–	·09		16
17		·01	·29	·44	–	·08	·02	·01	·42	–	–	–		17
18	·80	·19	·31		–	–		·09	·02	–	·54	–		18
19	–	·19	·03	·08	–	·22	·06	·04		–	·79	–		19
20	·40	·30	·09	·19	·72		–	–	–	–	–	·02		20
21	·12			·02	–	–	·26	–	–	–	–	·01		21
22	·02	–	·03	·06	·13	–	·17	–	–	·27	·31	·04		22
23	·64	–	·11	–		–	·25	–	–	1·65	·46	–		23
24		·21	·19	–	·11	–	·08	–	·06	·45	–	·03		24
25	·13	·87	–	–	–	–		–	·01	·31	–	·02		25
26	–	·31	·10	–	·25	–	–	·09		–	–	·11		26
27	·03	·43	·05	·34	–	–	–	–	–	·96	·02	·07		27
28	–			–	–	·03	–	–	–	·09		–		28
29	·90		–	–	–	–	–	–	–	·07	·06	·04		29
30		✕	–	–	–	·14	–	·24	–	·22	·20	·07		30
31		✕	–	✕	–	✕	–	–	✕		✕	·02		31
TOTAL	✓ 7·10	✓ 6·50	✓ 4·05	✓ 3·06	✓ 3·15	✓ 1·44	✓ 2·70	✓ 1·05	✓ 1.79	✓ 4·03	✓ 2·78	3·66	Year's Total 41·31	✓ ✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3158/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Hazlehead, Wogden Foot (Catclough)

in the County of W. R. Yorks

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·08	·10	-	-	-	1·19	·46	·03	-	·94	·45	·34		1
2		·16	-	·50	·14	·31	-	-	-		·04	·19		2
3	·05	-	-	·04	-	-	·14	-	·08	2·72	·24	·67		3
4	·05	-	-	-	-	·07	·12	·53	-	·51	·52			4
5	-	·03	-	·03	-		·06	·12	·08	1·22	-	·08		5
6	·30		-	-	-	·03	·40	·17	·02	·32	-	·02		6
7	·24	-	-	-	-	-	·24		·37	·19	-	-		7
8	·38	·01	-	-	-	-	·39	-	-	·88	-	·12		8
9	·14	·49	·23	-	-	·25		·07	-	·07	-	·48		9
10	·02	·06	-	-	-		·43	-	·01	·45	-	·18		10
11	·30	·04	-	-	-		·20	·07		·20	·13			11
12	·26	·15	-	-	·11		-	·14	-	1·23	·47	-		12
13	·08		-	-	-	-	-	-	·23	·28		·23		13
14	·47	-	-	-	-	-	·22	-	·24	·03	-	-		14
15	1·41	-	-	-	-	-	·23	·13	-	·20	·01	·39		15
16	·66	-	·10	-	·03	-	·35	·27	-		·15	·12		16
17	-	-	-	-	·13	-	·22	·18	·03	·10	·02	·02		17
18	·08	·03	-	-	·20	·09	-	·26		·58	·56			18
19	-	-	-	-	-		-	·05	·03	-	·31	Snow ·15		19
20	·14	-	-	-	-	-	-	·03	·02	-		Snow ·10		20
21	-	-	-	-	-	-	-		-	-	·05	Snow ·10		21
22	-	·02	-	·02	-	·28	-	-	·01	-	·35	P.Snow ·15		22
23	-	-	-	·01	·11	·16	-	-	·34	-	·92	-		23
24	·31	·02	·35		·05	·14	·05	·32	·15	-	·34	P.Snow ·15		24
25	·22	·24	·07	-	-	·10	·01	-	-	·33	·95			25
26	·10	·62	·09	-	-		-	-	·16	·32	- ·63	·01		26
27	·31	·39		-	·31	·50	·24	·79	·08	-		-		27
28	·59	·14	·11	-	·75	·66	·11		·12	-	-	·10		28
29	·48		·28	-	1·13	·17	·08	-	-	·06	·17	·18		29
30		☒	-	-	·60	·03		-	·54		·16	·10		30
31	·43	☒	-	☒	·41	☒	-	-	☒	·64	☒	1·05		31
TOTAL	7·10	2·50	1·23	0·60	3·97	3·98	3·95	3·16	2·51	11·27	6·47	4·93	Year's Total 51·67	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. Enderlea

Assoc.M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3158/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Hazlehead, Wogden Foot (Catclough)

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18	-	·35	·21	-	-	·69	·23	·03	·02	-	·54		1
2	·11	-	·01		-	-		·16	1·07	·09	·07	·78		2
3	·20	-	-	·27	-	-	-	·26	·02	-	·17	·78		3
4	·26	-	·25	·57	-	-	·17	·04	-	·44	·50	2·02		4
5	-	-		-	·14	-	·20	·04	-	·40				5
6	·53	·10	·04	-	·10	-	·59		-	·03	·28	-		6
7	·49	·27	·47	-		-	·04	-	-	·05	·54	·38		7
8		·23	·34	-	-	-	-	-	-		·27	·10		8
9	·19	·64	-	-	-	-	·61	·37	·38	·55	·14	·51		9
10	Snow ·50	-	-	-	-	·61	-	·16		·03	-			10
11	Snow ·30	·55	·18	-	·02		-	-	·03	-	-	·05		11
12	Snow ·30			-	-	·12	-	·10	-	-	-	-		12
13	-	-	·03	·12	·43	·12	·02		·02	·15	·30	-		13
14	1·04	-	·03	·06		·15	·10	-	-	·38	·22	-		14
15	·20	·05	·02	·40	·29	·57	·33	-	·03	-	·08	·02		15
16	·08	-	·14	·11	1·25	-		-	-	-	·07			16
17	·58	·25	·01	·28	·19	·31	·18	-	-	·67	·02			17
18	·39	·19	·03	-	-		·20	-	·05	·02	1·12	-		18
19	·31	-		-	-	·04	·46	·01	·12	-	-	·03		19
20	-	-	-	-	-	·49	·17	·22	·26	-	-	-		20
21	·32	·18	·60	·22	-	·11	·05	-	·18	·02	-	-		21
22		·70	·21	-	-	-	·32	·01	·05		·55	-		22
23	-	·58	·03	·16	-	·08		-	-	·27	·23	-		23
24	Snow ·05	·08	·02	·16	-	·07	·07	·02	-	·03	-	·03		24
25	Snow ·55	·40	·07	·03	-		-	·22	-	-	2·11	-		25
26	Snow ·15	·15		-	-	-	-	-	-	·09	·65	·13		26
27	Snow ·06	·45	·77	-	-	·18	-	-	-	·16	·56	-		27
28	-	·11	·51	·12	-	·17	·31	-	-	·26	·53	-		28
29	-		·01	·02	-	-	1·73	-	-		·65	-		29
30	3/4		-		-	·05	·07	-	-	-	·30	-		30
31	-		·01		-		·41	-		·17		-		31
TOTAL	6·79	4·93	4·13	2·73	2·42	3.07	6·72	1·84	2·24	3·83	9·36	4·59	Year's Total 52·65	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... ~~Assoc.~~ M.Inst.C.E.
Waterworks Engineer & Manager.

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3158/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930.

Kept at Hazlehead, Wogden Foot (Catelough)

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

Jan 25-31
Feb 1-4 } corr'd for snow

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-		-	·26	-	-	-	-	-	-	·44	·16		1
2	-	(1.00)	-	·29	-	-	·07	-	-	-	·57	·10		2
3	-		-	·23	-	-	·04	-	-	·15	·04	·02		3
4	-		-	·01	-	-	-	-	-	·26	·29	·26		4
5	-	-	-	-	·11	-	-	-	-	·61	·25	·72		5
6	·17	·17	-	-	-	-	-	-	-	1·27	·20	·15		6
7		·37	-	·13	·18	-	-	·12	·18	·03	-	·18		7
8	·02	-	-	·11	-	-	-	·08		·25	-			8
9	-	-	·22	·02	-	-	·15	·13	·19	·61	1·00	·27		9
10	-	·12		-	-	-	·43	·38	-	·05	·84	·84		10
11	-		·07	·04	-	·03	·07	-	-	-	1·75	·11		11
12	-	-	·65	-	-	-	·04	-	·57	-	·81	-		12
13	-	-	Snow ·45	·57	-	-	·68	·04	·48	-	·07	-		13
14	-	·01	·17		·08	-		·05	·03	·04	·04	·63		14
15	-	-	·06	·13	·05	-	-	-	-	·03	·24			15
16	-	-	·14	·05	-	-	·60	-	·98	·83	1·00	-		16
17	-	Snow ·43	·41	-	-	-	·69	·06	·55	·03				17
18	-		·14	Snow ·44	-	-	·12		·36	·05	·08	·37		18
19	-	·09	·41	·87	-	·02	·36	-	·27	·06	·29			19
20	-	-	·15	·41	-	-	·32	·41	·03	·13	·20	-		20
21	Snow ·25	-	·19		-	·25	·04	-	-	·07	1·26	·03		21
22	-	-	-	-	·14	·22	-	·03	·17	·04	-			22
23	-	·29	·08	·04	·03	·13	·01	-	·09	·11	·20	·04		23
24	Snow ·53	·01	-	·03	-	-	·02	-	·01	·09				24
25	Snow ~~·06~~		-	-	·01	·02	-	-	-	·07	-	·13		25
26		·09	-	·03		-	·05	-	·01	·05	·09			26
27	(2.70)	·15	-	-	-	-	·31	·05	·03	-	·06	-		27
28		·72	-	·03	·07	-	-	·05	-	-	-	·29		28
29		-	·23	·08	·12	·08	-	-	-	·02	-			29
30		✕	·35	·60	-	-	-	-	-	·46	-	·44		30
31		✕		✕	-	✕	-	-	✕	·85	✕	·09		31
TOTAL	(3.67)	3.45	3·72	4·37	0·79	0·75	4·00	1·40	3·95	6·16	9·72	4·83	Year's Total 46·81	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

"d"

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .... [P.T.O.

3158/7

BALBY S. W.

1933 - 1936

480601

Section **A** for the entry of D

AIR MINISTRY.

tation No. 3158/7

ORGANIZATION,

FORM 1090.

REGIST

(February to December)

Kept at ~~Balby (Sewage~~

in the County of York (W

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

y surrounding stns.
15/6/34.
in from observer

THE MORNING MEASUR

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	✗	0·04	0·14							0·02	0·29		1
2	✗		0·24			0·01					0·04		2
3	✗	0·09	0·04		0·26						0·08		3
4	✗	0·01	0·02		0·03								4
5	✗		0·12		0·28								5
6		0·08	0·01		0·58							0·05	6
7		0·06			0·21		0·25			0·45		0·02	7
8			0·61		0·03		0·24					0·02	8
9		0·10		0·01			0·40			0·60			9
10		0·03				0·11				2·64	0·03		10
11					0·03	0·02	0·24			0·09			11
12	✗					0·08	0·11					0·02	12
13					0·23		0·80		0·05	0·02	0·04		13
14	✓										0·38		14
15	✗					0·83		0·02		0·06	0·42	0·08	15
16	✗		0·38		0·05	0·09	0·01	0·01		0·04	0·06		16
17	✗		0·85		0·01	0·10		0·04	0·02		0·08		17
18	✓	snow 0·08	0·09			0·16					0·05		18
19		0·01	0·28			0·23			0·01		0·01	0·02	19
20		0·01				0·05		0·04	0·01		0·02		20
21					0·04	0·35		0·05	0·03		0·01		21
22					0·15	0·24		0·15		0·44	0·02		22
23	✓	snow 0·02		0·07		0·26		0·01	0·30				23
24		snow 0·26		0·18	0·04	0·21			0·90		0·01		24
25		snow 1·12		0·21	0·16				0·11	0·01	0·01	0·04	25
26		1·00		0·01					0·01	0·06		0·01	26
27		0·01			0·04				0·03	0·14			27
28		0·02		0·01	0·13		0·10			0·16			28
29	✗			0·19					0·01	0·13			29
30	✗	✕	0·02	0·15			0·03			0·01		0·03	30
31	✗	✕	0·04	✕		✕		0·02	✕		✕		31
TOTAL	(2.00)	2·94	2·93	0·83	2·33	2·44	2·21	0·34	1·48	5·14	1·88	0·32	YEAR'S TOTAL (2~~3~~5·20)
*Days with ·01 in. or more.	(15)	16	13	8	16	14	9	8	11	15	16	9	~~135~~ (150)
*Days with .04 in. or more.	(12)	9	10	5	12	12	4	4	4	11	9	3	~~86~~ (98)

No rain gauge in use during January

OK print

"2" Print

40-9999

*See Instruction 2 (f) on other side.

X F.O. KIRBY ESQ C.E. X

(Signed) F. Oscar Kirby
Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. (3158/1)

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933 (February to December)

Kept at Balby (Sewage Works)

in the County of York (West Riding)

£ 5471/30

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 29 ft.

January estimated by surrounding stns. Observer informed. 15/6/34. & agrees 18/6/34.

informed observer

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	+	0·04	0·14							0·02	0·29		1
2	+		0·24			0·01					0·04		2
3	+	0·09	0·04		0·26						0·08		3
4	+	0·01	0·02		0·03								4
5	+		0·12		0·28								5
6		0·08	0·01		0·58							0·05	6
7		0·06			0·21		0·25			0·45		0·02	7
8			0·61		0·03		0·24					0·02	8
9		0·10		0·01			0·40			0·60			9
10		0·03				0·11				2·64	0·03		10
11					0·03	0·02	0·24			0·09			11
12	+					0·08	0·11					0·02	12
13					0·23		0·80		0·05	0·02	0·04		13
14	✓										0·38		14
15	+					0·83		0·02		0·06	0·42	0·08	15
16	+		0·38		0·05	0·09	0·01	0·01		0·04	0·06		16
17	+		0·85		0·01	0·10		0·04	0·02		0·08		17
18	✓	snow 0·08	0·09			0·16					0·05		18
19		0·01	0·28			0·23			0·01		0·01	0·02	19
20		0·01				0·05		0·04	0·01		0·02		20
21					0·04	0·35		0·05	0·03		0·01		21
22					0·15	0·24		0·15		0·44	0·02		22
23	✓	snow 0·02		0·07		0·26		0·01	0·30				23
24		snow 0·26		0·18	0·04	0·21			0·90		0·01		24
25		snow 1·12		0·21	0·16				0·11	0·01	0·01	0·04	25
26		1·00		0·01					0·01	0·06		0·01	26
27		0·01			0·04				0·03	0·14			27
28		0·02		0·01	0·13		0·10			0·16			28
29	+			0·19					0·01	0·13			29
30	+	×	0·02	0·15			0·03			0·01		0·03	30
31	+	×	0·04	×		×		0·02	×		×		31
TOTAL	(2·00)	2·94	2·93	0·83	2·33	2·44	2·21	0·34	1·48	5·14	1·88	0·32	YEAR'S TOTAL (2~~3~~5·20)
*Days with ·01 in. or more.	(15)	16	13	8	16	14	9	8	11	15	16	9	~~135~~ (150)
*Days with ·04 in. or more.	(12)	9	10	5	12	12	4	4	4	11	9	3	~~86~~ (98)

No rain gauge in use during January

40-9999

*See Instruction 2 (f) on other side.

X F.O. KIRBY ESQ C.E. X

(Signed) F. Oscar Kirby

Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3158/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Balby Sewage Works
in the County of York (West Riding)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 29 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·01							0·05		0·08		0·10		1
2								0·17	0·15		0·04	0·26		2
3	0·05	0·02								0·03	0·01			3
4	0·01		0·06	0·37	0·02				0·12	0·16		0·52		4
5			0·08	0·01	0·07			0·15			0·08	0·02		5
6			0·02		0·25	0·22		0·06		0·09		0·63		6
7	0·08					0·09				0·05	0·07	0·19		7
8					0·02	0·52		0·03		0·05	0·55	0·01		8
9			snow 0·17	0·05						0·01	0·76	0·11		9
10			0·32	0·15							0·04			10
11	0·48		0·27	0·42				0·03				0·25		11
12	0·01		0·31	0·05			0·05	0·01			0·01	0·07		12
13	0·43			0·04		0·17	0·69	0·05				0·06		13
14	0·02		0·22		0·01	0·12				0·10	0·12	0·19		14
15	0·10		0·12		0·10	0·01		0·01	0·12	0·03	0·16	0·01		15
16	0·05		0·05		0·33						0·03	0·04		16
17	0·07		0·05				0·06		0·13	0·01	0·02	0·08		17
18	0·05		0·04	0·21		0·07	0·13					0·02		18
19			0·08	0·07	0·04	0·02			0·07	0·09				19
20			0·01	0·01	0·01	0·15			0·01					20
21						0·22		0·07	0·07	0·01				21
22									0·21	0·01				22
23			0·09	0·10			0·29			0·03	0·07	0·11		23
24		0·04	0·08	0·12		0·09	0·07		0·04	0·02				24
25	0·01			0·20					0·07	0·12		0·37		25
26	0·05	snow 0·02		0·16		0·01	0·01		0·06		0·01	0·02		26
27		snow 0·65		0·41		0·15	0·02		0·03	0·04		0·12		27
28				0·02		0·06		0·19				0·23		28
29			0·01					0·02	0·35			0·03		29
30	0·02	X					0·30	0·03	0·01	0·26		0·01		30
31	0·03	X		X		X		0·13	X	0·01	X	0·01		31
													Year's Total.	
TOTAL	1·47	0·73	1·98	2·39	0·85	1·90	1·62	1·00	1·44	1·20	1·97	3·46	20·01	✓
* Days with .01 in. or more.	16	4	17	16	9	14	9	14	14	19	14	24	170	
* Days with .04 in. or more.	9	2	14	13	5	11	7	8	11	10	9	16	115	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) F. O. Kirby
Borough Surveyor & Water Engineer

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3158/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Balby Sewage Works.

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " Ground " Sea Level 29 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.32		0.40	0.01		0.03	0.01		1.30	0.04	0.15	0.23		1
2		0.03	0.02	0.01		0.24		0.01		0.50		0.02		2
3		0.05	0.21	0.11		0.12				0.15	0.18			3
4		0.01				0.05				0.54	0.01			4
5	0.01	0.20	0.01			0.44			0.01		0.06	0.01		5
6	0.05					0.20								6
7	0.01			0.08		0.25				0.14	0.38	0.14		7
8			0.01	0.09		0.11		0.82			0.01	0.08		8
9				0.05		0.08				0.50	0.17	0.01		9
10		0.01		0.09		0.01		0.01		0.07	0.02			10
11	0.18										0.15	0.06		11
12		0.01				0.07					0.01			12
13	0.07	0.02		0.07	0.20						0.01			13
14				0.14	0.12	0.03			0.22		0.41	snow 0.11		14
15				0.36	0.02	0.13	0.09		0.29		0.11	0.11		15
16		0.36	0.10	0.03		0.02	0.01		0.35		0.55			16
17		0.01	0.01	0.06	0.01	0.44	0.12	0.01	0.04	0.01	0.85			17
18	0.01			0.17	0.08	0.10	0.23	0.05	0.12	0.09	0.04			18
19	0.01			0.04		0.22	0.02			0.01	0.18			19
20		0.02		0.22		0.07	0.01				0.22			20
21		0.63							0.38		0.09			21
22		0.15									0.04			22
23			0.11	0.03				0.38	0.04	0.11				23
24	0.04	0.66	0.07						1.07			0.23		24
25	0.07	0.10				0.02						0.02		25
26	snow 0.15						0.01	0.47	0.43	0.01	0.02	0.28		26
27		0.21			0.01		0.01		0.23	0.01	0.12	0.70		27
28	0.03	0.10							0.02	0.11		0.23		28
29	0.02		0.02					0.01	0.08	0.03	0.01	0.12		29
30	0.04	✗		0.01				0.08	0.01	0.12	0.21	0.02		30
31	0.01	✗		✗		✗		0.01	✗	0.35	✗	0.16		31
													Year's Total	
TOTAL	1.02	2.57	0.96	1.57	0.44	2.63	0.51	1.85	4.59	2.79	4.00	2.53	25.46	
* Days with .01 in. or more.	15	16	10	17	6	19	9	10	15	17	24	17	175	
* Days with .04 in. or more.	8	9	5	12	3	14	3	5	12	12	17	12	112	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. Oscar

P.T.O.

Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations. Station No. 3158/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Balby Sewage Works, Doncaster.
in the County of York (West Riding)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 29 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.08	0.07	0.42			0.01	0.14	0.01	0.01		0.12		1
2	0.01	0.03	0.08	0.01		0.52	0.08	0.07			0.22	0.11		2
3		snow 0.03				0.09			0.26			0.04		3
4	0.01	0.01	0.08			0.04			0.05		0.16	0.08		4
5	0.08	0.01	0.17		0.01			0.13	0.05			0.15		5
6						0.06	0.15	0.22	0.37	0.01	0.10			6
7	0.20		0.03				0.41		0.01	0.04		0.02		7
8	0.08		0.02				0.01			0.01	0.12	0.02		8
9	0.22	0.01	0.02		0.02	0.03	0.04				0.17			9
10	0.02			0.03			0.37	0.12	0.03	0.02	0.05	0.01		10
11				0.15		0.01	0.02				0.39	0.01		11
12		snow 0.01		0.20	0.03	0.61	0.38		0.22		0.09	0.06		12
13				0.06	0.03	0.18	0.01		0.20	0.11	0.01	0.29		13
14				0.12		0.07			0.27	0.01	0.05	0.04		14
15	snow 0.25	0.05		0.08		0.01	0.02	0.13	0.04		0.14	0.03		15
16	snow 0.10	0.03		0.03			0.01				0.34			16
17		0.55			0.02		0.14				0.01	0.04		17
18		0.02					0.17	0.04		0.31	0.02			18
19	0.39	0.03	0.01	0.01		0.26	0.02	0.48		0.13				19
20	0.10	0.17	0.03	0.05		0.07	0.07		0.01	0.01				20
21	0.01	0.01	0.02	0.04	0.01	0.20								21
22	0.03	0.46	0.04		0.04	0.98	0.13				0.01	0.01		22
23		0.02	0.01	0.03	0.08		0.43			0.01	0.01			23
24	0.12	0.04		0.01	0.32				0.14	0.25				24
25	0.13		0.01	0.05			0.05		0.13	0.07	0.01			25
26		0.06	0.34				0.01		0.16	0.06	0.03			26
27	0.19		0.01	0.07					0.04	0.12				27
28	0.20	0.61	0.05			0.05	0.04				0.07	0.07		28
29	0.43	0.27	0.12		0.04	0.21	0.04			0.01	0.43	0.14		29
30	0.05	×			0.32	0.05	0.27			0.80	0.03	0.01		30
31	0.05	×	0.02	×	0.01	×	0.01		×		×	0.09		31
													Year's Total	
TOTAL	2.67	2.50	1.13	1.36	0.93	3.44	2.89	1.33	1.99	1.98	2.46	1.34	24.02	✓
* Days with .01 in. or more.	20	20	18	16	12	17	24	8	16	17	21	19	208	✓
* Days with .04 in. or more.	15	9	8	10	5	14	15	8	12	9	13	12	130	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) F. A. Kirby
Borough Surveyor & Water Engineer.

[P.T.O.

3158/~~8~~

LOW PASTURE P.S.

1933 - 1937

780601

Section **A** **for the entry of** …
AIR MINISTRY … …L ORGANIZATION.

Station No. 3158/8

FORM 1090.

REGIST…

…3 (February to December)

Kept at Low Pasture ~~[illegible]~~ (…
in the County of York (W…
Diameter of Funnel of Gauge 5…
Height of top of Gauge above Ground …
,, Ground ,, Sea Le…

…rrounding Stns. ~~[illegible]~~
…15/6/34

THE MORNING MEASU… …Y.

An observer who does not conform to t… following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

No rain gauge in use during January

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	✗	0.04	0.18							0.01	0.30		1
2	✗		0.26								0.04		2
3	✗	0.10	0.07		0.30						0.08		3
4	✗	0.01	0.03		0.09								4
5	✗		0.10		0.02								5
6		0.04	0.03		0.59							0.06	6
7		0.04			0.20		0.13			0.41		0.02	7
8			0.54	0.02	0.02		0.16				0.01	0.03	8
9		0.11			0.01		0.25			0.62			9
10		0.04				0.16	0.06			2.42	0.04		10
11					0.02	0.02	0.42			0.10			11
12	✗					0.08	0.08					0.01	12
13					0.25		0.10		0.06	0.03	0.05		13
14	✓							0.01		0.01	0.35		14
15	✗					0.35		0.02		0.05	0.41	0.09	15
16	✗		0.34		0.06	0.13	0.01	0.01		0.02	0.06	0.01	16
17	✗		0.84		0.01	0.14		0.02	0.02		0.04	0.01	17
18	✓	snow 0.09	0.09			0.14					0.06		18
19		snow 0.03	0.30	0.01		0.12			0.02			0.01	19
20		0.02				0.06		0.04	0.01		0.03		20
21					0.05	0.23		0.04	0.03		0.01		21
22					0.10	0.12		0.17		0.46	0.05	0.02	22
23	✓	snow 0.02		0.08	0.02	0.01			0.36	0.01			23
24		snow 0.60		0.19	0.11	0.20			1.03	0.01			24
25		snow 1.28		0.22	0.11				0.08		0.03	0.05	25
26		0.86		0.02					0.01	0.06		0.01	26
27					0.06				0.03	0.14			27
28		0.02		0.02	0.16		0.10			0.19			28
29	✗			0.21						0.07			29
30	✗	✕	0.03	0.07			0.02			0.03		0.03	30
31	✗	✕	0.04	✕		✕		0.02	✕		✕		31
TOTAL	(2.00)	3.36	2.91	0.84	2.18	1.46	1.33	0.33	1.65	5.24	1.92	0.35	YEAR'S TOTAL 23.87
*Days with ·01 in. or more.	(45)	16	13	9	18	13	10	8	10	14	15	12	156
*Days with .04 in. or more.	(12)	9	10	5	12	11	8	3	3	10	11	3	97

40-9999
*See Instruction 2 (f) on other side,

N
F.O. KIRBY ESQ. C.E.

(Signed) F.O. Kirby
Borough Surveyor & Water Engineer

P.T.O.

Station No. 3158/8

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933 (February to December)

Kept at Low Pasture [illegible] (Pumping Station) [-54711/30

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 24 ft.

January estimated by surrounding stns.
Observer informed 15/6/34
& agrees 18/6/34.
inform observer

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	✗	0·04	0·18							0·01	0·30		1
2	✗		0·26								0·04		2
3	✗	0·10	0·07		0·30						0·08		3
4	✗	0·01	0·03		0·09								4
5	✗		0·10		0·02								5
6		0·04	0·03		0·59							0·06	6
7		0·04			0·20		0·13			0·41		0·02	7
8			0·54	0·02	0·02		0·16				0·01	0·03	8
9		0·11			0·01		0·25			0·62			9
10		0·04				0·16	0·06			2·42	0·04		10
11					0·02	0·02	0·42			0·10			11
12	✗					0·08	0·08					0·01	12
13					0·25		0·10		0·06	0·03	0·05		13
14	✓							0·01		0·01	0·35		14
15	✗					0·35		0·02		0·05	0·41	0·09	15
16	✗		0·34		0·06	0·13	0·01	0·01		0·02	0·06	0·01	16
17	✗		0·84		0·01	0·14		0·02	0·02		0·04	0·01	17
18	✓	snow 0·09	0·09			0·14					0·06		18
19		snow 0·03	0·30	0·01		0·12			0·02			0·01	19
20		0·02				0·06		0·04	0·01		0·03		20
21					0·05	0·23		0·04	0·03		0·01		21
22					0·10	0·12		0·17		0·46	0·05	0·02	22
23	✓	snow 0·02		0·08	0·02	0·01			0·36	0·01			23
24		snow 0·60		0·19	0·11	0·20			1·03	0·01			24
25		snow 1·28		0·22	0·11				0·08		0·03	0·05	25
26		0·86		0·02					0·01	0·06		0·01	26
27					0·06				0·03	0·14			27
28		0·02		0·02	0·16		0·10			0·19			28
29	✗			0·21						0·07			29
30	✗	✕	0·03	0·07			0·02			0·03		0·03	30
31	✗	✕	0·04	✕		✕		0·02	✕		✕		31
TOTAL	(2.00)	3·36	2·91	0·84	2·18	1·46	1·33	0·33	1·65	5·24	1·92	0·35	YEAR'S TOTAL 23.87 ~~21.87~~
*Days with ·01 in. or more.	(15)	16	13	9	18	13	10	8	10	14	15	12	156 ~~141~~
*Days with ·04 in. or more.	(12)	9	10	5	12	11	8	3	3	10	11	3	97 ~~85~~

No rain gauge in use during January

OK [illegible]

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) F. O. Kirby

F. O. KIRBY ESQ. C.E. Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3158|8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Low Pasture Sewage Pumping Station
in the County of York (West Riding)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 24 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·01							0·10		0·09		0·12		1
2	0·01	0·01						0·11	0·15		0·04	0·27		2
3	0·04	0·02								0·03	0·01			3
4	0·02		0·04	0·35	0·01				0·10	0·18		0·49		4
5			0·08	0·01	0·07			0·12			0·09	0·02		5
6			0·01		0·25	0·25		0·06		0·09		0·60		6
7	0·09					0·06				0·05	0·09	0·18		7
8					0·01	0·39		0·04		0·07	0·58	0·01		8
9			0·15	0·07						0·01	0·81	0·10		9
10			0·37	0·12				0·01			0·03			10
11	0·43		0·25	0·31				0·03				0·22		11
12			0·32	0·07			0·10					0·08		12
13	0·39			0·03		0·21	0·55	0·05				0·06		13
14	0·02		0·22		0·01	0·11				0·11	0·12	0·19		14
15	0·07		0·12		0·08			0·01	0·02	0·03	0·16	0·01		15
16	0·04		0·05		0·32						0·04	0·03		16
17	0·07		0·05				0·04		0·12	0·01	0·02	0·08		17
18	0·07		0·04	0·19		0·01	0·14					0·01		18
19			0·07	0·03	0·03	0·09			0·06	0·06				19
20			0·02	0·01	0·01	0·04								20
21						0·24			0·04					21
22								0·07	0·24	0·01				22
23			0·08	0·10			0·30	0·01		0·03	0·08	0·09		23
24		0·04	0·11	0·11		0·11	0·23		0·05	0·01				24
25				0·22					0·07	0·10		0·32		25
26	0·04	0·02		0·20					0·07		0·01	0·01		26
27		snow 0·75		0·46		0·08	0·04		0·02	0·02		0·10		27
28				0·02		0·12		0·19		0·02		0·21		28
29			0·02					0·01	0·32			0·04		29
30	0·03	X					0·37	0·02		snow 0·21		0·01		30
31	0·03	X		X		X		0·20	X	0·01	X	0·01		31
TOTAL	1·36	0·84	2·00	2·30	0·79	1·71	1·77	1·03	1·26	1·14	2·08	3·26	Year's Total. 19·54	
* Days with .01 in. or more.	15	5	17	16	9	12	8	15	12	19	13	24	165	
* Days with .04 in. or more.	9	2	14	11	4	11	8	9	10	9	9	16	112	

40-9999

† Spare column, no entries required.

(*Signed*) J O Kirby

[P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3158/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Low Pasture Sewage Pumping Station

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 24 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.35		0.34	0.03		0.04	0.01		1.46	0.06	0.16	0.14		1
2		0.02	0.01	0.01		0.24				0.46		0.02		2
3		0.05	0.20	0.08		0.13				0.13	0.15			3
4		0.02				0.11				0.63	0.01			4
5		0.18	0.02			0.26			0.01		0.06	0.01		5
6	0.06			0.01		0.14					0.01			6
7	0.03			0.10		0.14				0.13	0.36	0.16		7
8	0.01		0.01	0.09		0.10		0.54			0.01	0.06		8
9				0.04		0.07				0.46	0.17	0.01		9
10		0.01		0.07		0.02		0.01		0.06	0.01			10
11	0.18										0.13	0.07		11
12						0.05								12
13	0.07	0.02		0.07	0.17	0.02					0.01			13
14				0.23	0.10	0.03			0.23		0.34	0.09		14
15				0.35	0.04		0.08		0.35		0.09	0.12		15
16		0.32	0.09	0.03		0.13	0.01		0.28		0.54			16
17				0.06		0.44	0.01		0.03	0.01	0.89			17
18	0.01			0.16	0.08	0.14	0.32	0.01	0.05	0.09	0.06			18
19	0.02			0.05		0.21	0.02			0.02	0.15			19
20				0.19		0.09	0.01				0.26			20
21		0.57		0.01					0.37		0.08			21
22		0.21									0.05			22
23			0.14	0.03				0.41	0.03	0.08				23
24	0.06	0.67	0.07						1.14			0.25		24
25	0.05	0.11				0.04						0.02		25
26	0.26						0.01	0.42	0.44	0.01	0.02	0.25		26
27	0.01	0.21			0.01		0.02		0.23		0.13	0.69		27
28	0.03	0.08							0.01	0.13		0.25		28
29	0.02		0.03					0.01	0.06	0.02		0.11		29
30	0.05	✕		0.02				0.08	0.01	0.12	0.21	0.02		30
31		✕		✕		✕		0.01	✕	0.33	✕	0.17		31
TOTAL	1.21	2.47	0.91	1.63	0.40	2.40	0.49	1.49	4.70	2.74	3.90	2.44	Year's Total 24.78	
* Days with .01 in. or more.	15	13	9	19	5	19	9	8	15	16	23	17	168	
* Days with .04 in. or more.	8	9	5	12	4	16	2	4	10	12	17	12	111	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations.

Station No. 3158/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Low Pasture Sewage Pumping Station, Doncaster.

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 24 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.06	0.05	0.48		0.01	0.02	0.12	0.01			0.12		1
2	0.01	0.03	0.08			0.58	0.21	0.10			0.23	0.11		2
3		0.04				0.07			0.34			0.02		3
4	0.02	0.02	0.07			0.06			0.04		0.14	0.06		4
5	0.07	0.02	0.16					0.18	0.03			0.12		5
6						0.04	0.14	0.35	0.35		0.08			6
7	0.20		0.02				0.48		0.03	0.04		0.02		7
8	0.07		0.02							0.02	0.11	0.02		8
9	0.20		0.03		0.01	0.03	0.05				0.24			9
10	0.03			0.01			0.38	0.24	0.01		0.05			10
11				0.12		0.01	0.04				0.41	0.02		11
12				0.19	0.02	0.58	0.37		0.17		0.09	0.02		12
13				0.02	0.01	0.18	0.02		0.16	0.12	0.02	0.21		13
14				0.11		0.05			0.29	0.07	0.04	0.04		14
15	0.27	0.05		0.12			0.11	0.15			0.17	0.02		15
16	0.16	0.03		0.02			0.01				0.33			16
17		0.54			0.04		0.10					0.03		17
18		0.01					0.16	0.04		0.34	0.02			18
19	0.46	0.04	0.01			0.35		0.52		0.09				19
20	0.02	0.15	0.03	0.05			0.12							20
21	0.01			0.02		0.15								21
22	0.03	0.51	0.04		0.06	1.20	0.15				0.02	0.01		22
23		0.01	0.01	0.03	0.06		0.41							23
24	0.14	0.04			0.33				0.15	0.23				24
25	0.14		0.01	0.06			0.05		0.10	0.04				25
26		0.06	0.31				0.03		0.14	0.08	0.05			26
27	0.16		0.02	0.13					0.05	0.14				27
28	0.19	0.59	0.05			0.05	0.07				0.06	0.07		28
29	0.53	0.26	0.09		0.02	0.21	0.12			0.02	0.44	0.13		29
30	0.05	✕			0.32	0.05	0.25			0.76	0.03			30
31	0.03	✕	0.03	✕	0.01	✕	0.01		✕		✕	0.08		31
TOTAL	2.79	2.46	1.03	1.36	0.88	3.62	3.30	1.70	1.87	1.95	2.53	1.10	Year's Total 24.59 ✓	
* Days with .01 in. or more.	20	17	17	13	10	16	22	8	14	12	18	17	184 ✓	✓
* Days with .04 in. or more.	13	11	8	8	5	13	17	8	10	10	14	9	126	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) H. O. Kirkpatrick

Borough Surveyor & Water Engineer.

[P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3152/8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937.

Kept at Sandy Lane Sewage Pumping Station, Doncaster.

in the County of York (West Riding).

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 24 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0.01	0.08	0.04				0.03		0.03		0.03	0.09		1
2		0.06	0.03	0.23								2.17		2
3		0.01	0.01	0.21	0.03	0.01	0.03					0.09		3
4	0.08		0.04	0.12	0.02							0.28		4
5	0.13		0.09									0.08		5
6	0.01		0.07	0.04	0.22						0.01	0.17		6
7		0.33		0.12	0.11						0.02	0.01		7
8		0.38		0.04							0.09	0.10		8
9		0.04		0.06	0.22		0.60	0.04				0.07		9
10				0.15	0.02	0.06					0.03	0.17		10
11			0.60	0.02	0.88							0.04		11
12	0.07	0.33	0.01		0.33	0.39			0.10			0.04		12
13		0.04			0.02	1.68						0.18		13
14			0.41									0.11		14
15	0.10	0.19		0.63			1.28					0.02		15
16	0.06	0.03	0.19	0.51		0.15		0.03	0.30			0.04		16
17	0.17		0.16	0.56		0.01			0.49					17
18	0.92	0.03	0.04				0.02	0.01	0.03		0.41			18
19		0.03	0.02	0.04		0.17	0.17				0.34			19
20	0.20	0.05		0.14	0.72				0.01					20
21	0.03						0.18			0.09		0.01		21
22			0.01		0.04					0.16	0.05			22
23	0.43				0.02		0.10			1.13	0.34			23
24	0.11	0.11	0.01			0.02	0.02			0.22				24
25	0.08	0.28	0,05							0.58		0.01		25
26		0.12	0.03		0.43							0.01		26
27		0.12		0.08						0.57		0.01		27
28		0.40	0.02											28
29	0.05										0.01	0.02		29
30	0.33	✕				0.02		0.01		0.01	0.09	0.04		30
31	0.26	✕		✕		✕			✕	0.14	✕	0.03		31
													Year's Total	
TOTAL	3.04	2.63	1.83	2.95	3.06	2.51	2.43	0.09	0.96	2.90	1.42	3.79	27.61	✓ ✓
* Days with .01 in. or more.	17	18	18	15	13	9	9	4	6	8	11	23	151	✓ ✓
* Days with .04 in. or more.	14	14	10	14	8	5	5	1	3	7	6	15	102	✓ ✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) F. Oscar Kirby

Water Engineer,
Doncaster.

[P.T.O.

3159

3159

HOLMES SEWAGE P. S.

1931

SEE FILE 54711/30

Section **A** for the entry of D

AIR MINISTRY.-

OPY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGIST

Kept at HOLMES SEWAGE PU

in the County of YORK (WES

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

" Ground " Sea Leve

THE MORNING MEASURE

An observer who does not conform to thi … *llowing year in the space on the right of this*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.02	0.01			0.82		0.01	0.03	0.03			1
2		0.01		0.71	0.02	0.43			0.52	0.04		0.04	2
3				0.10		0.02	0.08		0.80		0.04	0.19	3
4	0.05	0.09		0.11			0.46	0.15	0.73		0.07		4
5		0.01			0.09	1.17	0.03	1.32	0.07			0.17	5
6		snow 0.26	0.02			0.12	0.08	0.01		0.13	0.01		6
7			0.01			0.43	0.32	0.33		0.03	0.29	0.01	7
8	0.04	0.02	0.05	0.04			0.12	0.80			0.10		8
9		0.27	0.02	0.22		0.18	0.07	0.22	0.08		0.38	0.02	9
10	0.01	0.03	0.03		0.06	0.04	0.02	0.18	0.07		0.06		10
11	0.02	0.28					0.02		0.18		0.04		11
12	0.04						0.63		0.05	0.10	0.03		12
13						0.03	0.06	0.03					13
14	0.02	0.08				1.10	1.14	0.99			0.65		14
15		0.02		0.05	0.04		0.17	0.09			0.05	0.03	15
16	0.02	0.18		0.09	0.12	0.67	0.06	0.23	0.30				16
17		0.12		0.35	0.03	0.05	0.05	0.12			0.01		17
18	0.03	0.01		0.20		0.27	0.38	0.07			0.60		18
19	0.02	0.04		0.09		0.04	0.28	0.10	0.21	0.04			19
20		0.11	0.01	0.05				0.27			0.02		20
21	0.06				0.12						0.22		21
22					0.25								22
23	0.16		0.17	0.05	0.36	0.30	0.16				0.22	0.25	23
24	0.02			0.17	0.52		0.06			0.05			24
25	0.03	0.02		0.40			0.60						25
26	0.05	0.10		0.11	0.05		0.04				0.20		26
27	0.12	0.21		0.06			0.02			0.11	0.12	0.04	27
28	0.25	snow 0.09		0.14	0.19						0.01	0.12	28
29	0.50				0.04		0.12			0.30		0.07	29
30		×		0.06	0.39				0.02				30
31	0.23	×		×		×			×	0.07	×		31
TOTAL	1.67	1.97	0.32	3.00	2.28	5.67	4.97	4.92	3.06	0.90	3.12	0.94	YEAR'S TOTAL 32.82
*Days with ·01 in. or more.	18	20	8	18	14	15	23	16	12	10	19	10	183
*Days with ·04 in. or more.	10	12	2	18	12	13	19	13	10	8	14	7	138

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*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

3159

54/11/30

Section A for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at HOLMES SEWAGE PUMPING STATION.

in the County of YORK (WEST RIDING)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 30 ft.

Old Gauge.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.02	0.01			0.82		0.01	0.03	0.03			1
2		0.01		0.71	0.02	0.43			0.52	0.04		0.04	2
3				0.10		0.02	0.08		0.80		0.04	0.19	3
4	0.05	0.09		0.11			0.46	0.15	0.73		0.07		4
5		0.01			0.09	1.17	0.03	1.32	0.07			0.17	5
6		snow 0.26	0.02			0.12	0.08	0.01		0.13	0.01		6
7			0.01			0.43	0.32	0.33		0.03	0.29	0.01	7
8	0.04	0.02	0.05	0.04			0.12	0.80			0.10		8
9		0.27	0.02	0.22		0.18	0.07	0.22	0.08		0.38	0.02	9
10	0.01	0.03	0.03		0.06	0.04	0.02	0.18	0.07		0.06		10
11	0.02	0.28					0.02		0.18		0.04		11
12	0.04						0.63		0.05	0.10	0.03		12
13						0.03	0.06	0.03					13
14	0.02	0.08				1.10	1.14	0.99			0.65		14
15		0.02		0.05	0.04		0.17	0.09			0.05	0.03	15
16	0.02	0.18		0.09	0.12	0.67	0.06	0.23	0.30				16
17		0.12		0.35	0.03	0.05	0.05	0.12			0.01		17
18	0.03	0.01		0.20		0.27	0.38	0.07			0.60		18
19	0.02	0.04		0.09		0.04	0.28	0.10	0.21	0.04			19
20		0.11	0.01	0.05				0.27			0.02		20
21	0.06				0.12						0.22		21
22					0.25								22
23	0.16		0.17	0.05	0.36	0.30	0.16				0.22	0.25	23
24	0.02			0.17	0.52		0.06			0.05			24
25	0.03	0.02		0.40			0.60						25
26	0.05	0.10		0.11	0.05		0.04				0.20		26
27	0.12	0.21		0.06			0.02			0.11	0.12	0.04	27
28	0.25	snow 0.09		0.14	0.19						0.01	0.12	28
29	0.50				0.04		0.12			0.30		0.07	29
30		×		0.06	0.39				0.02				30
31	0.23	×		×		×			×	0.07	×		31
TOTAL	1.67	1.97	0.32	3.00	2.28	5.67	4.97	4.92	3.06	0.90	3.12	0.94	YEAR'S TOTAL 32.82
*Days with ·01 in. or more.	18	20	8	18	14	15	23	16	12	10	19	10	183
*Days with ·04 in. or more.	10	12	2	18	12	13	19	13	10	8	14	7	138

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(Signed)

P.T.O.

*See Instruction 2 (*f*) on other side.

X DONCASTER (PUMPING S

(3159/1)

Section A for the entry of Dai

AIR MINISTRY.—

PY FOR OFFICIAL USE.

ORGANIZATION. WR/7.

FORM 1090.

REGISTE

3159/1

DONCASTER PUMPING STN

1931 - 1940

780601

Kept at HOLMES SEWAGE PUMP

in the County of YORK (WEST

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

" Ground " Sea Level

THE MORNING MEASUREM

An observer who does not conform to this

year in the space on the right of this par

ving

Jan. 1, following

Pleas Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.02	0.01			0.84		0.01	0.03	0.03			1
2		0.01		0.71	0.02	0.43			0.52	0.04		0.04	2
3				0.10		0.02	0.08		0.79		0.04	0.19	3
4	0.05	0.09		0.11			0.46	0.15	0.73		0.07		4
5		0.01			0.09	1.16	0.03	1.33	0.07			0.17	5
6		snow 0.26	0.02			0.12	0.08	0.01		0.13	0.01		6
7			0.01			0.43	0.32	0.33		0.03	0.29	0.01	7
8	0.04	0.02	0.05	0.04			0.12	0.81			0.10		8
9		0.28	0.02	0.23		0.18	0.07	0.22	0.08		0.39	0.02	9
10	0.01	0.03	0.03		0.06	0.04	0.02	0.18	0.07		0.06		10
11	0.02	0.30					0.02		0.18		0.04		11
12	0.04						0.64		0.05	0.10	0.03		12
13						0.03	0.06	0.03					13
14	0.02	0.08				1.12	1.16	0.99			0.66		14
15		0.02		0.05	0.04		0.17	0.09			0.05	0.03	15
16	0.02	0.18		0.09	0.12	0.67	0.06	0.23	0.30				16
17		0.13		0.36	0.03	0.05	0.05	0.12			0.01		17
18	0.03	0.01		0.21		0.27	0.38	0.07			0.61		18
19	0.02	0.04		0.09		0.04	0.28	0.10	0.21	0.04			19
20		0.11	0.01	0.05				0.27			0.02		20
21	0.06				0.12						0.22		21
22					0.26								22
23	0.16		0.17	0.05	0.37	0.30	0.16				0.22	0.25	23
24	0.02			0.17	0.54		0.06			0.05			24
25	0.03	0.02		0.40			0.59						25
26	0.05	0.10		0.11	0.05		0.04				0.20		26
27	0.12	0.22		0.06			0.02			0.11	0.12	0.04	27
28	0.26	snow 0.09		0.14	0.19						0.01	0.12	28
29	0.50				0.04		0.12			0.30		0.07	29
30		×		0.06	0.39				0.02				30
31	0.23	×		×		×			×	0.07	×		31
TOTAL	1.68	2.02	0.32	3.03	2.32	5.70	4.99	4.94	3.05	0.90	3.15	0.94	YEAR'S TOTAL 33.04
*Days with ·01 in. or more.	18	20	8	18	14	15	23	16	12	10	19	10	183
*Days with ·04 in. or more.	10	12	2	18	12	13	19	13	10	8	14	7	138

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(Signed) F. Oscar Kily

*See Instruction 2 (*f*) on other side.

[P.T.O.

DONCASTER (PUMPING S 3159/1

Section **A** for the entry of Dai PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. WR/7.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at HOLMES SEWAGE PUMPING STATION.
in the County of YORK (WEST RIDING)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 31 ft.

New gauge.

Comp 1930

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.02	0.01			0.84		0.01	0.03	0.03			1
2		0.01		0.71	0.02	0.43			0.52	0.04		0.04	2
3				0.10		0.02	0.08		0.79		0.04	0.19	3
4	0.05	0.09		0.11			0.46	0.15	0.73		0.07		4
5		0.01			0.09	1.16	0.03	1.33	0.07			0.17	5
6		snow 0.26	0.02			0.12	0.08	0.01		0.13	0.01		6
7			0.01			0.43	0.32	0.33		0.03	0.29	0.01	7
8	0.04	0.02	0.05	0.04			0.12	0.81			0.10		8
9		0.28	0.02	0.23		0.18	0.07	0.22	0.08		0.39	0.02	9
10	0.01	0.03	0.03		0.06	0.04	0.02	0.18	0.07		0.06		10
11	0.02	0.30					0.02		0.18		0.04		11
12	0.04						0.64		0.05	0.10	0.03		12
13						0.03	0.06	0.03					13
14	0.02	0.08				1.12	1.16	0.99			0.66		14
15		0.02		0.05	0.04		0.17	0.09			0.05	0.03	15
16	0.02	0.18		0.09	0.12	0.67	0.06	0.23	0.30				16
17		0.13		0.36	0.03	0.05	0.05	0.12			0.01		17
18	0.03	0.01		0.21		0.27	0.38	0.07			0.61		18
19	0.02	0.04		0.09		0.04	0.28	0.10	0.21	0.04			19
20		0.11	0.01	0.05				0.27			0.02		20
21	0.06				0.12						0.22		21
22					0.26								22
23	0.16		0.17	0.05	0.37	0.30	0.16				0.22	0.25	23
24	0.02			0.17	0.54		0.06			0.05			24
25	0.03	0.02		0.40			0.59						25
26	0.05	0.10		0.11	0.05		0.04				0.20		26
27	0.12	0.22		0.06			0.02			0.11	0.12	0.04	27
28	0.26	snow 0.09		0.14	0.19						0.01	0.12	28
29	0.50				0.04		0.12			0.30		0.07	29
30		×		0.06	0.39				0.02				30
31	0.23	×		×		×			×	0.07	×		31
TOTAL	1.68	2.02	0.32	3.03	2.32	5.70	4.99	4.94	3.05	0.90	3.15	0.94	YEAR'S TOTAL 33.04
*Days with ·01 in. or more.	18	20	8	18	14	15	23	16	12	10	19	10	183
*Days with ·04 in. or more.	10	12	2	18	12	13	19	13	10	8	14	7	138

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(Signed) F Oscar Kirby

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3159/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Holmes Sewage Pumping Station
in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 31 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.07	0.03	-	0.04	0.59	-	0.05	-	0.19	0.11	0.01	0.05	1
2	0.08	-	-	-	0.36	-	-	0.02	0.17	0.03	-	0.04	2
3	-	-	-	0.15	0.01	-	0.12	-	-	-	-	0.12	3
4	-	-	-	0.08	-	0.01	-	0.04	-	-	0.09	-	4
5	0.06	-	0.09	-	0.04	-	-	-	0.03	-	-	-	5
6	0.47	-	0.09	0.04	-	-	-	-	0.06	-	-	-	6
7	0.04	-	0.08	0.14	-	-	-	-	0.17	0.14	0.03	-	7
8	-	-	-	-	-	-	-	-	0.15	0.09	0.02	0.02	8
9	0.01	snow 0.08	0.01	0.11	-	-	-	-	-	-	-	0.01	9
10	0.05	snow 0.04	snow 0.02	-	-	-	0.09	-	0.06	0.27	-	0.10	10
11	-	snow 0.03	-	0.14	0.40	0.74	1.27	-	0.02	-	0.04	-	11
12	0.03	-	-	-	0.06	-	0.04	0.06	-	0.20	0.08	-	12
13	0.06	0.06	-	0.03	0.02	-	0.11	-	-	0.18	-	0.01	13
14	0.02	0.02	-	0.04	-	-	0.03	0.02	-	0.02	0.12	-	14
15	-	-	-	-	0.03	-	-	-	-	0.05	0.05	0.05	15
16	0.13	-	-	0.10	0.06	-	-	-	-	-	-	-	16
17	-	-	-	-	-	-	-	-	0.02	0.12	-	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	0.03	-	-	-	-	0.06	0.17	-	-	19
20	-	-	-	0.02	0.28	-	-	0.49	-	0.20	0.05	-	20
21	-	-	0.18	0.29	3.19	-	0.01	0.36	-	0.47	-	0.06	21
22	-	-m	0.42	-	0.34	-	0.10	-	0.24	0.04	0.17	0.03	22
23	-	-	-	0.06	0.10	-	0.11	-	-	0.09	0.11	0.01	23
24	0.02	-	-	-	0.03	-	0.36	-	0.06	-	0.05	-	24
25	-	0.05	-	0.07	-	-	0.26	-	0.07	0.39	0.02	-	25
26	-	0.03	-	0.13	0.50	-	0.07	-	-	0.21	0.10	-	26
27	-	-	0.34	0.12	0.55	-	-	-	-	0.01	0.13	0.03	27
28	-	-	0.06	0.03	0.20	-	0.31	1.23	-	-	-	-	28
29	-	-	0.09	0.04	0.02	0.04	0.06	0.07	0.12	0.27	0.05	0.14	29
30	-	×	0.10	0.06	-	0.29	0.01	0.05	0.17	-	0.22	0.22	30
31	-	×	0.08	×	0.02	×	0.32	-	×	-	×	0.09	31
TOTAL	1.04	0.34	1.56	1.72	6.80	1.08	3.32	2.34	1.59	3.06	1.34	0.98	YEAR'S TOTAL 25.17
*Days with ·01 in. or more.	12	8	12	20	19	4	17	9	15	19	17	15	167
*Days with .04 in. or more.	8	4	10	16	13	3	14	7	12	16	13	9	125

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*See Instruction 2 (*f*) on other side.

(*Signed*) P.T.O.
Borough Surveyor & Water Engineer

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3159

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Holmes Sewage Pumping Station

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 31 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·14	0·06	0·18							0·03	0·31			1
2	0·19		0·30			0·01					0·06			2
3	0·06	0·12	0·10		0·32						0·11			3
4	0·08	0·02	0·04		0·03									4
5	0·09		0·12		0·33									5
6		0·10	0·04		0·59							0·06		6
7		0·09			0·22		0·25			0·47		0·02		7
8			0·63				0·21					0·04		8
9		0·17	0·02	0·02	0·01		0·31			0·74				9
10	0·01	0·04				0·17	0·12			2·47	0·05			10
11					0·02		0·29			0·13				11
12	0·02					0·09	0·04					0·02		12
13					0·27		0·11	0·02	0·06	0·06	0·06			13
14										0·03	0·38			14
15	snow 0·86					0·43		0·02		0·05	0·72	0·09		15
16	snow 0·27		0·36		0·07	0·16				0·06	0·08			16
17	snow 0·22	snow 0·01	0·83		0·01	0·17		0·05	0·02		0·08			17
18		snow 0·09	0·10			0·27					0·05			18
19		snow 0·01	0·35			0·09			0·01					19
20						0·10		0·03	0·01		0·03			20
21					0·06	0·58		0·05						21
22					0·13	0·30		0·18		0·82	0·08			22
23		snow 0·03		0·09					0·28			0·07		23
24		snow 0·59		0·19	0·11	0·15			1·21					24
25		snow 1·22		0·24	0·14				0·06			0·05		25
26		0·96		0·02						0·07	0·06	0·02		26
27	0·01	0·01			0·04				0·03	0·16				27
28		0·03		0·02	0·12		0·08			0·16				28
29				0·19						0·11				29
30	0·15	✕	0·02	0·12			0·04					0·03		30
31	0·06	✕	0·03	✕		✕		0·03	✕		✕			31
TOTAL	2·16	3·55	3·12	0·89	2·47	2·52	1·45	0·38	1·68	5·36	2·07	0·40	Year's Total	26·05
*Days with ·01 in. or more.	13	16	14	8	16	12	9	7	8	14	13	9		139
*Days with ·04 in. or more.	10	10	11	5	12	11	9	3	4	12	12	5		104

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) T. Oscar Kirby

Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 315911

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Holmes Sewage Pumping Station

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 31 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·02							0·06		0·09		0·14		1
2		0·01						0·11	0·16		0·07	0·31		2
3	0·08	0·02								0·05	0·01			3
4	0·02		0·04	0·35					0·10	0·16		0·52		4
5			0·09		0·09			0·14			0·10	0·01		5
6			0·01		0·24	0·20		0·11		0·11		0·67		6
7	0·09					0·11				0·15	0·15	0·19		7
8					0·01	0·43		0·06		0·10	0·63	0·01		8
9			snow 0·18	0·07							0·84	0·12		9
10			0·35	0·14							0·05			10
11	0·49		0·21	0·37				0·01				0·25		11
12			0·31	0·06			0·11					0·06		12
13	0·42			0·03		0·02	0·70	0·05				0·07		13
14	0·04		0·24		0·01	0·11				0·14	0·10	0·20		14
15	0·10		0·10		0·08			0·01	0·07	0·05	0·17			15
16	0·05		0·05		0·39						0·06	0·04		16
17	0·09		0·04				0·06		0·13	0·01	0·02	0·07		17
18	0·08		0·03	0·21			0·38					0·03		18
19			0·09	0·04	0·04	0·09			0·06	0·07				19
20			0·02	0·01		0·08			0·01					20
21						0·29			0·08					21
22								0·08	0·26					22
23			0·11	0·11			0·29			0·04	0·08	0·11		23
24		0·04	0·10	0·08		0·13	0·20		0·06	0·02				24
25				0·24	0·02				0·07	0·10		0·37		25
26	0·09	snow 0·02		0·11					0·04		0·01			26
27		snow 0·63		0·43		0·09	0·06		0·03	0·03		0·12		27
28				0·06		0·13		0·17		0·01		0·25		28
29			0·01					0·04	0·37			0·05		29
30	0·03	×					0·34	0·06		snow 0·19				30
31	0·05	×		×		×		0·22	×	0·01	×	0·01	Year's Total.	31
TOTAL	1·65	0·72	1·98	2·31	0·88	1·68	2·14	1·12	1·44	1·33	2·29	3·60	21·14	
* Days with .01 in. or more.	14	5	17	15	8	11	8	13	13	17	13	21	155	
* Days with .04 in. or more.	11	2	13	13	5	10	8	11	11	12	10	17	123	

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† Spare column, no entries required.

(*Signed*) T. O. Kirby

Borough Surveyor & Water Engineer

[P.T.O.

* See Instruction 2 (f) on other side.

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Section **A** for the entry of Daily Observations. Station No. 3159/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Holmes Sewage Pumping Station

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 31 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.37		0.55	0.04		0.04			1.47	0.05	0.19	0.17		1
2		0.03				0.32		0.01		0.52		0.02		2
3		0.06	0.19	0.11		0.10				0.26	0.18			3
4		0.04				0.05				0.69				4
5	0.02	0.19	0.04			0.30					0.07			5
6	0.07			0.01		0.22								6
7	0.06			0.15		0.28				0.16	0.42	0.21		7
8				0.09		0.09		0.85				0.09		8
9				0.03		0.08				0.48	0.19	0.01		9
10				0.05		0.01		0.01		0.09	0.01			10
11	0.26										0.15	0.11		11
12		0.01				0.07								12
13	0.08	0.02		0.08	0.21						0.01			13
14				0.20	0.11	0.04			0.16		0.42	0.11		14
15		0.01		0.38	0.04		0.06		0.08		0.11	0.19		15
16		0.28	0.12	0.04		0.04	0.01		0.34		0.64			16
17				0.09		0.43		0.02	0.06	0.02	0.96			17
18	0.02			0.18	0.10	0.11	0.74		0.07	0.07	0.07			18
19	0.01			0.05		0.24	0.07			0.03	0.15			19
20				0.22		0.09	0.01				0.29			20
21		0.54		0.01					0.41		0.10			21
22		0.20									0.07	0.01		22
23			0.19	0.06				0.44	0.04	0.12				23
24	0.08	0.65	0.07						1.24			0.31		24
25	0.06	0.09				0.08						0.04		25
26	snow 0.14							0.47	0.39	0.02	0.04	0.28		26
27	snow 0.01	0.19					0.02		0.21		0.16	0.68		27
28	0.05	0.08							0.03	0.14		0.27		28
29	0.02		0.05					0.02	0.08	0.06	0.01	0.12		29
30	0.05	✕		0.02				0.12		0.14	0.23	0.04		30
31		✕		✕		✕		0.03	✕	0.34	✕	0.17		31
													Year's Total	
TOTAL	1.30	2.39	1.21	1.81	0.46	2.59	0.91	1.97	4.58	3.19	4.47	2.83	27.71	
* Days with .01 in. or more.	15	14	7	18	4	18	6	9	13	16	21	17	158	
* Days with .04 in. or more.	10	10	7	14	4	17	3	4	12	13	18	14	126	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. Oscar Kirby [P.T.O.

Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations. Station No. 3159/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Holmes
Kept at Sewage Pumping Station, Doncaster.
in the County of York (West Riding)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 31 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph:

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.12	0.07	0.47		0.03	0.03	0.23				0.13		1
2		0.01	0.09			0.65	0.05	0.02			0.26	0.12		2
3		0.07				0.15			0.26			0.03		3
4	0.04	0.02	0.10			0.08			0.03		0.19	0.08		4
5	0.08		0.19					0.20	0.02	0.01		0.11		5
6						0.05	0.16	0.23	0.37	0.04	0.12			6
7	0.21		0.04				0.54		0.05	0.03		0.03		7
8	0.08		0.03				0.01			0.02	0.15			8
9	0.23	0.02	0.02		0.02	0.04	0.05			0.01	0.24			9
10	0.03			0.05			0.43	0.19	0.01	0.04	0.08			10
11			0.01	0.14		0.02	0.07				0.46	0.04		11
12				0.19	0.04	0.72	0.42		0.24		0.14	0.09		12
13				0.03	0.06	0.21	0.03		0.41	0.14	0.03	0.27		13
14				0.15		0.08			0.31	0.06	0.05	0.05		14
15	0.29	0.01		0.10			0.08	0.16	0.02		0.17	0.02		15
16	0.19	0.09		0.06			0.02				0.34			16
17		0.59			0.03		0.16					0.03		17
18		0.02					0.08	0.05		0.37	0.04			18
19	0.47	0.04				0.34		0.53		0.10				19
20	0.03	0.18	0.06	0.06		0.05	0.26		0.01					20
21	0.01			0.02	0.02	0.16								21
22	0.04	0.53	0.06		0.07	0.85	0.17							22
23		0.02		0.04	0.11		0.37							23
24	0.14	0.07			0.31				0.18	0.22				24
25	0.16		0.04	0.06			0.08		0.12	0.08				25
26		0.07	0.34						0.19	0.10	0.11			26
27	0.19		0.04	0.14					0.07	0.14				27
28	0.22	0.62	0.06			0.06	0.08				0.11	0.08		28
29	0.57	0.29	0.10		0.22	0.27	0.11			0.04	0.41	0.19		29
30	0.05	✕			0.32	0.05	0.29			0.91	0.06			30
31	0.03	✕	0.02	✕	0.01	✕	0.01		✕		✕	0.10		31
TOTAL	3.06	2.77	1.27	1.51	1.21	3.81	3.50	1.61	2.29	2.31	2.96	1.37	Year's Total 27.67	✓
* Days with .01 in. or more.	19	17	16	13	11	17	22	8	15	16	17	15	186	✓
* Days with .04 in. or more.	15	11	12	11	7	15	17	7	10	12	16	11	144	✓

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) .... [P.T.O.
Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations

Station No. 315 9/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937.

Kept at Holmes Sewage Pumping Station, Doncaster.

in the County of York (West Riding).

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 31 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.03	0.11	0.04						0.05		0.04	0.06		1
2		0.07	0.03	0.27								1.83		2
3		0.04		0.24	0.05	0.03	0.03					0.07		3
4	0.12		0.07	0.17	0.04							0.08		4
5	0.16		0.10									0.29		5
6	0.03		0.09	0.05	0.24		0.01				0.02	0.14		6
7		0.36		0.18	0.14						0.03	0.06		7
8		0.42		0.04							0.07	0.07		8
9		0.04		0.07	0.24		0.53	0.09				0.13		9
10	0.01			0.12	0.04	0.07					0.03	0.16		10
11			0.68	0.03	0.87							0.03		11
12	0.07	0.34	0.01		0.36	0.46			0.09			0.10		12
13		0.05			0.03	1.53			0.01			0.14		13
14			0.45			0.02						0.10		14
15	0.12	0.22	0.02	0.63			1.46					0.01		15
16	0.09	0.05	0.23	0.65		0.15		0.03	0.31			0.04		16
17	0.19	0.02	0.26	0.61					0.56					17
18	0.96	0.03	0.05	0.06			0.01	0.02	0.10		0.40			18
19		0.02	0.01	0.15		0.16	0.12				0.33			19
20	0.23	0.09	0.02		0.74				0.04					20
21	0.04						0.21			0.07				21
22			0.04		0.04					0.14	0.06			22
23	0.44				0.03		0.14			1.30	0.36			23
24	0.15	0.18				0.03	0.03			0.25				24
25	0.10	0.27	0.07							0.55		0.01		25
26		0.13	0.04		0.47							0.01		26
27		0.09		0.10						0.56		0.01		27
28		0.39	0.03											28
29	0.08		0.01								0.01	0.02		29
30	0.35	✕				0.03		0.03		0.01	0.12	0.04		30
31	0.31	✕		✕		✕			✕	0.18	✕	0.03		31
TOTAL	3.48	2.92	2.25	3.37	3.29	2.49	2.54	0.17	1.16	3.06	1.47	3.43	Year's Total 29.63 ✓	
* Days with .01 in. or more.	18	19	19	15	13	9	9	4	7	8	11	22	154 ✓	
* Days with .04 in. or more.	15	16	12	14	11	5	5	1	6	7	7	15	114 ✓	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) T. Oscar Kirby [P.T.O.

Water Engineer,
Doncaster.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3159 / 1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Holmes Sewage Pumping Station, Doncaster.

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 31 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.01	0.01			0.03	0.61		0.01			0.07	0.10		1
2	0.02			0.01	0.04				0.02	0.13	0.03	0.18		2
3	0.03					0.01	0.06		0.27	0.60	0.01			3
4	0.04			0.02		0.04	0.05			0.06	0.02	0.16		4
5						0.01	0.07	0.04		0.44				5
6	0.02	0.01					0.27		0.04	0.06				6
7	0.10						0.13	0.25	0.23	0.02		0.03		7
8	0.28						0.15			0.17		0.05		8
9	0.03	0,07				0.09			0.01			0.21		9
10	0.02						0.17		0.05			0.02		10
11	0.22						0.05				0.02	0.04		11
12	0.10	0.02			0.03			0.12		0.22				12
13		0.04							0.01	0.01	0.04	0.32		13
14	0.10	0.03			0.04		0.36		0.16					14
15	0.20						0.37	0.03			0.01	0.34		15
16	0.10						0.47				0.03	0.35		16
17					0.42		0.10	0.03	0.02	0.04				17
18	0.03				0.19				0.40	0.06	0.19			18
19					0.01			0.09				0.11		19
20	0.02										0.31	0.14		20
21									0.01			0.06		21
22						0.63					0.26	0.13		22
23					0.11	0.04			0.06		0.15			23
24			0.16		0.06		0.07	0.15	0.33	0.03	0.06	0.05		24
25	0.04	0.12								0.18	0.56	0.04		25
26		0.93	0.11						0.10	0.11	0.02			26
27	0.01				0.05	0.21	0.13	0.24	0.09	0.01	0.13			27
28	0.09				0.64	0.08	0.06	0.72	0.04			0.02		28
29				0.03	0.56	0.01	0.01		0.02	0.01	0.05	0.05		29
30		✕			0.25	0.09			0.09		0.06	0.02		30
31	0.21	✕		✕	0.25	✕		0.01	✕	0.13	✕	0.47		31
TOTAL	1.67	1.23	0.27	0.06	2.68	1.82	2.52	1.69	1.95	2.28	2.02	2.89	Year's Total 21.08	
* Days with .01 in. or more.	20	8	2	3	14	11	16	11	18	17	18	21	159	
* Days with .04 in. or more.	11	4	2	-	11	8	15	7	12	12	11	17	110	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .... P.T.O.

Borough Surveyor & Water Engineer.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3159/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Holmes Sewage Pumping Station, Doncaster.

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 31 ft.

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1			0.01	0.04			0.16	0.30	0.03	0.02				1
2	0.11			0.08			0.02	0.25	0.64		0.03			2
3	0.11			0.13				0.27			0.22	0.15		3
4	0.19		0.17	0.44			0.05	0.36		0.02	0.02	1.04		4
5					0.06		0.15	0.09		0.16	0.26	0.32		5
6	0.23						0.33			0.01	0.05			6
7	0.07	0.05	0.01				0.04			0.01	0.28	0.19		7
8	0.02	0.01	0.05				0.12	0.04			0.01	0.21		8
9	0.02	0.03					0.02	0.07		0.84		0.14		9
10	0.63								0.08	0.02				10
11	0.07		0.28		0.02	0.34			0.02	0.01				11
12		0.09				0.05						0.01		12
13				0.05		0.05			0.04	0.07	0.01			13
14	0.44			0.18	0.16	0.15	0.31			0.30	0.06			14
15	0.04				0.34	0.23	0.13		0.03					15
16			0.27		0.96	0.02	0.55				0.11			16
17	0.86			0.32	0.02		0.04			0.51				17
18	0.10	0.02	0.04			0.27	0.25		0.02		1.34			18
19	0.20					0.19	0.05		0.07			0.01		19
20						0.10			0.18					20
21	0.16	0.15	0.24	0.04	0.02	0.07			0.09					21
22	0.04	0.24	0.05				0.03			0.01	0.23	0.01		22
23				0.06		0.08	0.02			0.04	0.31			23
24			0.06	0.01		0.02	0.35							24
25	0.45		0.01			0.01		0.20			0.09	0.02		25
26	0.01	0.02										0.03		26
27	0.05	0.05	0.31			0.03	0.01			0.26	0.13			27
28		0.10	0.15	0.06		0.03	0.14				0.21			28
29			0.02	0.02			0.54	0.03		0.22				29
30		✕									0.13			30
31		✕		✕		✕	0.03		✕	0.01	✕			31
TOTAL	3.80	0.76	1.67	1.43	1.58	1.60	3.34	1.61	1.20	2.51	3.49	2.13	Year's Total 25.12	
* Days with .01 in. or more.	19	10	14	12	7	15	21	9	10	16	17	11	161	
* Days with .04 in. or more.	16	6	10	10	4	9	15	8	6	8	13	6	111	

† Spare column, no entries required.

(*Signed*) J. O. Kirby

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3159/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~ 40

Kept at Holmes Sewage Pumping Station

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 31 ft.

Jan 27th estd from nearby stns

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.05		0.02							0.20			1
2				0.19							0.12	0.08		2
3	0.02	0.14	0.01	0.04						0.12	0.04	0.18		3
4		0.14		0.12						0.09	0.38	0.08		4
5					0.12		0.37			0.06	0.10	0.13		5
6	0.10	0.15					0.04			0.76	0.02			6
7	0.02	0.17		0.05	0.04		0.26		0.01			0.14		7
8				0.07						0.13		0.35		8
9			0.27	0.01			0.01		0.02	0.01	0.70			9
10							0.65	0.01			0.09	0.01		10
11		0.05					1.54				0.44			11
12		0.01	0.18				0.02		0.08		0.11			12
13		0.01	0.24						0.06			0.01		13
14			0.03	0.05	0.20		0.13					0.34		14
15				0.73	0.08	0.50				0.16	0.10			15
16	0.15	0.06	0.04	0.22			0.23		0.05	0.67	0.47	0.01		16
17			0.50				1.19		0.02		0.64			17
18	6.03	0.16	0.02	0.73			0.16	0.34	0.08			0.10		18
19		0.09	0.02	0.22			0.16		0.25	0.10	0.12	0.04		19
20				0.21		0.01	0.08	0.06		0.03	0.02			20
21	0.02		0.04			0.29	0.02	0.01		0.13	1.07			21
22			0.01		0.03	0.18			0.09	0.02		0.02		22
23		0.06	0.02		0.04	0.14				0.01	0.14	0.04		23
24	0.02			0.02					0.01	0.06		0.01		24
25	0.01					0.01				0.03				25
26	0.50	0.01			0.03		0.02	0.02		0.01				26
27	(·66) ~~0.46~~	0.12					0.14	0.03			0.01			27
28	0.05	0.50												28
29			0.10			0.01						0.22		29
30	0.16	×		0.06						0.13		0.38		30
31	0.17	×	0.07	×		×			×	0.94	×	0.18		31
TOTAL	1·91 ~~1.71~~	1.72	1.55	1.79	0.54	1.14	5.02	0.47	0.67	3.46	4.77	2.32	Year's Total ~~25.16~~ 25·36	
* Days with .01 in. or more.	13	15	14	13	7	7	16	6	10	18	18	18	155	
* Days with .04 in. or more.	7	12	8	10	5	4	12	2	6	12	15	12	105	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Oscar Kirby [P.T.O.

✓ ✓ W I V Y

3160

3160

DONCASTER

1931 - 1934

478060l

Section **A** for the entry o

AIR MINISTR

COPY FOR OFFICIAL USE.

ALL ORGANIZATION.

FORM 1090.

REGIS BI.

Kept at Doncast

in the County of Yor

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEASU Y.

An observer who does not conform to *following*

year in the space on the right of th

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·02	·03	—	—	·97	—	—	·03	·02	—	·02	1
2	—	·02	—	·45	·02	·48	—	—	·54	·03	·01	·03	2
3	—	—	—	·30	—	·02	·06	—	1·00	—	·04	·19	3
4	—	·09	—	—	—	—	·48	·57	·61	—	—	—	4
5	—	·01	—	—	·09	1·43	·04	1·02	·07	—	—	·18	5
6	—	·27	·06	·12	·07	·16	·16	·01	—	·12	·03	—	6
7	—	·01	·02	—	—	·50	·22	·41	—	·02	·28	·01	7
8	—	·01	·11	·04	—	—	·13	·83	—	—	·09	—	8
9	—	·28	—	·26	·01	·23	·09	·25	·07	—	·41	—	9
10	·07	·03	·04	—	—	·04	·02	·17	·05	—	·06	—	10
11	·03	·31	—	—	—	·01	·02	—	·18	—	·05	—	11
12	·04	—	—	—	—	—	·62	·02	—	·10	·01	—	12
13	·01	—	—	—	—	·03	·04	·03	—	—	—	—	13
14	·02	·09	—	—	·06	1·04	1·41	1·00	—	—	·75	—	14
15	—	·02	—	·06	·02	—	·12	·11	—	—	·03	·03	15
16	·01	·24	—	·09	·14	·75	·04	·32	·28	—	—	—	16
17	—	·16	—	·45	·03	·03	·03	·09	—	—	—	—	17
18	·04	·01	—	·25	—	·27	·40	·06	—	·02	·64	—	18
19	·02	·04	—	·12	—	·03	·18	·08	·20	—	·02	—	19
20	·01	·10	—	·06	—	—	—	·27	—	—	·01	—	20
21	·05	—	—	·01	·16	—	—	—	—	—	·20	—	21
22	·01	—	—	—	·21	—	—	—	·02	—	·01	—	22
23	·14	—	·35	·03	·48	·32	·16	—	·01	·01	·22	·27	23
24	·03	—	·01	·18	·54	—	·05	—	·01	·04	—	—	24
25	·02	·03	—	·53	—	—	·78	—	—	—	—	·02	25
26	·05	—	—	·10	—	—	·03	—	—	—	·18	—	26
27	·12	·21	—	·05	·05	—	—	—	—	·11	·12	·04	27
28	·29	·08	—	·13	·21	—	—	—	—	—	—	·05	28
29	·58	✕	—	—	·04	—	·10	—	—	·30	—	·18	29
30	—	✕	—	·06	·44	—	—	—	·03	—	—	—	30
31	·24	✕	—	✕	—	✕	—	—	✕	·06	✕	—	31
TOTAL	1·78 ✓	2·03 ✓	·62 ✓	3·29 ✓	2·57 ✓	6·31 ✓	5·18 ✓	5·24 ✓	3·10 ✓	·83 ✓	3·16 ✓	1·02 ✓	YEAR'S TOTAL 35·13 ✓
*Days with ·01 in. or more.	19 ✓	20 ✓	7 ✓	19 ✓	16 ✓	16 ✓	22 ✓	16 ✓	14 ✓	11 ✓	19 ✓	11 ✓	190 ✓
*Days with ·04 in. or more.	10 ✓	11 ✓	4 ✓	~~16~~ 19	12 ✓	11 ✓	18 ✓	13 ✓	9 ✓	6 ✓	12 ✓	6 ✓	12~~8~~9

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) M. H. Stiles. F.R.M.S. [P.T.O.

✓ ✓ W I V Y

3160

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at Doncaster

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

,, Ground ,, Sea Level 69 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·02	·03	—	—	·97	—	—	·03	·02	—	·02	1
2	—	·02	—	·45	·02	·48	—	—	·54	·03	·01	·03	2
3	—	—	—	·30	—	·02	·06	—	1·00	—	·04	·19	3
4	—	·09	—	—	—	—	·48	·57	·61	—	—	—	4
5	—	·01	—	—	·09	1·43	·04	1·02	·07	—	—	·18	5
6	—	·27	·06	·12	·07	·16	·16	·01	—	·12	·03	—	6
7	—	·01	·02	—	—	·50	·22	·41	—	·02	·28	·01	7
8	—	·01	·11	·04	—	—	·13	·83	—	—	·09	—	8
9	—	·28	—	·26	·01	·23	·09	·25	·07	—	·41	—	9
10	·07	·03	·04	—	—	·04	·02	·17	·05	—	·06	—	10
11	·03	·31	—	—	—	·01	·02	—	·18	—	·05	—	11
12	·04	—	—	—	—	—	·62	·02	—	·10	·01	—	12
13	·01	—	—	—	—	·03	·04	·03	—	—	—	—	13
14	·02	·09	—	—	·06	1·04	1·41	1·00	—	—	·75	—	14
15	—	·02	—	·06	·02	—	·12	·11	—	—	·03	·03	15
16	·01	·24	—	·09	·14	·75	·04	·32	·28	—	—	—	16
17	—	·16	—	·45	·03	·03	·03	·09	—	—	—	—	17
18	·04	·01	—	·25	—	·27	·40	·06	—	·02	·64	—	18
19	·02	·04	—	·12	—	·03	·18	·08	·20	—	·02	—	19
20	·01	·10	—	·06	—	—	—	·27	—	—	·01	—	20
21	·05	—	—	·01	·16	—	—	—	—	—	·20	—	21
22	·01	—	—	—	·21	—	—	—	·02	—	·01	—	22
23	·14	—	·35	·03	·48	·32	·16	—	·01	·01	·22	·27	23
24	·03	—	·01	·18	·54	—	·05	—	·01	·04	—	—	24
25	·02	·03	—	·53	—	—	·78	—	—	—	—	·02	25
26	·05	—	—	·10	—	—	·03	—	—	—	·18	—	26
27	·12	·21	—	·05	·05	—	—	—	—	·11	·12	·04	27
28	·29	·08	—	·13	·21	—	—	—	—	—	—	·05	28
29	·58	×	—	—	·04	—	·10	—	—	·30	—	·18	29
30	—	×	—	·06	·44	—	—	—	·03	—	—	—	30
31	·24	×	—	×	—	×	—	—	×	·06	×	—	31
TOTAL	1·78 ✓	2·03 ✓	·62 ✓	3·29 ✓	2·57 ✓	6·31 ✓	5·18 ✓	5·24 ✓	3·10 ✓	·83 ✓	3·16 ✓	1·02 ✓	YEAR'S TOTAL 35·13 ✓
*Days with ·01 in. or more.	19 ✓	20 ✓	7 ✓	19 ✓	16 ✓	16 ✓	22 ✓	16 ✓	14 ✓	11 ✓	19 ✓	11 ✓	190 ✓
*Days with ·04 in. or more.	10 ✓	11 ✓	4 ✓	16 9	12 ✓	11 ✓	18 ✓	13 ✓	9 ✓	6 ✓	12 ✓	6 ✓	128 9

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) M. H. Stiles. F.R.M.S. [P.T.O.

✓ ✓ ✓ Ck

FILE No. ~~[illegible]~~

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3160

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Doncaster

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 3 in.

„ Ground „ Sea Level 60 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·03	—	·05	·67	—	·03	—	·19	·08	—	·03	1
2	·09	—	—	—	·42	—	—	·02	·13	·02	—	·05	2
3	—	—	—	·20	·01	—	·13	—	—	—	—	·11	3
4	—	—	—	·09	—	—	—	·05	—	—	·08	—	4
5	·06	·01	·10	—	·02	·01	—	—	·03	—	—	—	5
6	·51	—	·08	·03	—	—	·02	—	·05	—	—	—	6
7	—	—	·09	·14	—	—	·02	—	·16	·17	·03	—	7
8	—	·01	—	·01	—	—	—	—	·16	·05	—	—	8
9	·04	·04	—	·12	—	—	—	—	·01	—	—	—	9
10	·05	·08	—	·02	—	—	·02	—	·05	·26	—	·14	10
11	—	·08	·03	·15	·46	·75	1·30	·03	—	—	·04	—	11
12	·04	·01	—	—	·07	—	·10	—	—	·20	·05	—	12
13	·06	·10	—	·03	·02	—	·09	—	—	·18	·01	·02	13
14	·02	—	—	·04	—	—	·03	—	—	·01	·12	—	14
15	—	—	—	·01	·04	—	—	—	—	·04	—	04	15
16	·15	—	—	·11	·08	—	—	—	—	—	·04	—	16
17	—	—	—	—	—	—	—	—	·03	·12	—	—	17
18	—	—	—	—	—	—	—	—	—	—	—	—	18
19	—	·01	—	·03	—	—	—	·02	·05	·16	—	—	19
20	—	—	—	·02	·56		—	·65	—	·22	·04	—	20
21	—	—	·19	·33	3·15	—	—	·37	—	·49	·01	·05	21
22	—	—	·48	·01	·34	—	·09	—	·25	·05	·15	·02	22
23	—	—	—	·04	·10	—	·12	—	·01	·09	·12	—	23
24	·02	—	—	—	·01	—	·34	—	·05	·01	—	—	24
25	—	·05	—	·10	—	—	·36	—	·03	·40	·07	—	25
26	—	·03	—	·12	·64	—	·09	—	—	·19	·07	·02	26
27	—	—	·37	·14	·58	—	—	—	—	·01	·15	—	27
28	—	—	·06	·03	·21	—	·38	1·13	—	—	—	·02	28
29	—	—	·10	·03	·02	·06	·02	·10	·12	·25	·05	·12	29
30	—	✕	·10	·07	—	·30	·02	·04	·21	—	·13	·23	30
31	—	✕	·10	✕	—	✕	·33	—	✕	—	✕	·09	31
TOTAL	1·12 ✓	·45 ✓	1·70 ✓	1·92 ✓	7·40 ✓	1·12 ✓	3·49	2·41 ✓	1·53 ✓	3·00 ✓	1·16 ✓	·94 ✓	YEAR'S TOTAL 26·24 ✓
*Days with ·01 in. or more.	11 ✓	11 ✓	11 ✓	24 ✓	18 ✓	4 ✓	18 ✓	9 ✓	16 ✓	20 ✓	16 ✓	13 ✓	171 ✓
*Days with .04 in. or more.	9 ✓	5 ✓	10 ✓	14 ✓	13 ✓	3 ✓	11 ✓	6 ✓	11 ✓	16 ✓	13 ✓	8 ✓	119 ✓

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) M. H. Stiles

P.T.O.

√139 3160

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3160

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Doncaster
in the County of York
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
,, Ground ,, Sea Level 60 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·14	·05	·18	–	·21	–	–	–	–	·02	·32	–		1
2	·18	–	·31	–	·10	–	–	–	–	–	·11	–		2
3	·05	·13	·13	–	·38	–	–	–	–	–	·13	–		3
4	·05	·02	·03	–	·13	–	–	–	–	–	–	–		4
5	·07	–	·15	–	·24	–	–	–	–	–	–	–		5
6	–	·01	–	–	·69	–	–	–	–	–	·05	·07		6
7	–	·15	–	–	·19	–	·15	–	–	·50	–	·02		7
8	–	·01	·65	·04	·01	–	·22	–	–	·01	–	·05		8
9	–	·15	–	–	·01	–	·35	–	–	·71	–	–		9
10	·02	·03	–	–	–	·21	·15	–	–	2·64	–	–		10
11	–	–	–	–	·03	–	·28	–	–	·11	–	–		11
12	·03	–	–	–	–	·11	·12	–	–	–	–	·02		12
13	–	–	–	–	·33	–	·07	·01	·06	·06	·06	–		13
14	–	–	–	–	–	–	–	–	–	–	·16	–		14
15	·81	–	–	–	–	61	–	·03	–	·08	·78	–		15
16	·30	–	·43	–	·08	·17	–	–	–	·06	·10	–		16
17	·23	·01	·95	–	–	·16	–	·05	·03	–	·09	·10		17
18	–	·13	·10	–	–	·28	–	–	–	–	·07	–		18
19	–	·01	·35	·03	–	·11	–	–	·03	–	–	–		19
20	–	·06	–	–	–	·04	–	·05	–	–	·06	–		20
21	–	–	–	–	·05	·61	–	–	·05	–	·02	–		21
22	–	–	–	–	·11	·17	–	·23	–	·81	·04	–		22
23	–	·02	–	·09	–	–	–	–	·43	·02	–	–		23
24	–	·69	–	·21	·11	·19	–	–	1·29	–	–	–		24
25	–	1·45	–	·26	·13	–	–	–	·04	–	·03	·10		25
26	–	·94	–	·02	–	–	–	–	–	·07	–	–		26
27	–	·02	–	–	–	–	–	–	·05	·16	–	–		27
28	–	·03	–	·03	·20	–	·08	–	–	·20	–	–		28
29	–	×	–	·20	–	–	–	–	·02	·10	–	–		29
30	·18	×	·02	–	–	–	·03	–	–	·02	–	·03		30
31	·06	×	–	×	–	×	–	·05	×	–	×	–		31
TOTAL	2·12	3·91	3·30	·88	3·00	2·66	1·45	·42	2·00	5·57	2·02	·39	Year's Total 27·72 √	
*Days with ·01 in. or more.	12 √	18 √	11 √	8 √	17 √	11 √	9 √	6 √	9 √	16 √	14 √	7 √	138 √	
*Days with ·04 in. or more.	10 √	9 √	9 √	5 √	14 √	11 √	8 √	4 √	~~5~~ 6.	12 √	12 √	4 √	10~~3~~4	

40-9999
*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) M. H. Stiles

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3160

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Doncaster

in the County of York

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft 3 in.

,, Ground ,, Sea Level 60 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	·02	—	—	—	—	—	·10	·18	·06	—	·15		1
2	—	—	—	—	—	—	—	·13	—	—	·06	·32		2
3	·07	·02	·01	—	—	—	—	—	—	—	·03	—		3
4	·02	—	·05	·38	—	—	—	—	·11	·16	—	·52		4
5	—	—	·08	—	·11	—	—	·15	—	—	·12	—		5
6	—	—	·01	—	·25	·27	—	·14	—	·11	—	·79		6
7	·09	·01	—	—	—	·11	—	—	—	—	·17	·20		7
8	—	—	—	—	·03	·37	—	·07	—	—	·64	·02		8
9	—	—	—	·10	—	—	—	·02	—	·02	·92	·02		9
10	—	—	·25	·15	—	—	—	—	—	·04	·05	·13		10
11	·48	—	·30	·34	—	—	—	·02	—	—	—	·25		11
12	—	—	·24	·08	—	—	·14	—	—	—	—	·08		12
13	·45	—	·34	·04	—	·05	·65	·06	—	—	—	·07		13
14	·02	—	—	—	—	·11	—	—	—	·14	·10	·18		14
15	·09	—	·11	—	·07	—	—	·02	·03	·05	·14	·06		15
16	·05	—	·06	—	·43	—	—	—	—	—	·16	—		16
17	·05	—	·03	—	—	—	·04	—	·14	·02	·04	·09		17
18	·12	·01	·03	·22	—	·06	—	—	—	—	—	·03		18
19	—	—	·09	·04	·04	·04	—	—	·07	·07	—	—		19
20	—	—	·02	·01	·02	·10	—	—	·02	—	—	—		20
21	—	—	—	—	—	·29	—	—	·09	·02	—	—		21
22	—	—	—	—	—	—	—	·09	·22	—	—	—		22
23	—	—	·03	·12	—	—	·30	—	—	·05	·08	·11		23
24	—	·04	—	·10	—	·14	·38	—	·06	—	—	·02		24
25	·02	—	·16	·25	·01	—	—	—	·07	·12	—	·37		25
26	·10	·02	—	·22	—	·02	·02	—	·04	—	·02	·02		26
27	—	1·01	—	·47	—	·05	·06	—	·03	·03	—	·11		27
28	—	—	—	·05	—	·16	—	·22	—	—	—	·27		28
29	—	×	·03	—	—	—	—	—	·38	—	—	·04		29
30	·03	×	·01	—	—	—	·33	·10	·02	·20	—	—		30
31	·06	×	—	×	—	×	—	·20	×	·02	×	·03		31
TOTAL	1·67	1·13	1·85	2·57	·96	1·77	1·92	1·32	1·46	1·11	2·53	3·79	Year's Total. 22·08	
* Days with .01 in. or more.	15	7	18	15	8	13	8	13	14	15	13	23	162	
* Days with .04 in. or more.	10	2	10	14	5	12	7	10	10	10	11	17	118	

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† Spare column, no entries required.

(*Signed*) M. H. Stiles [P.T.O.

* See Instruction 2 (f) on other side.

3161

Section **A** for the entry of D

AIR MINISTRY.

FORM 1090.

REGIST

Kept at Goldthorpe.

in the County of York.

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

THE MORNING MEASUR

An observer who does not conform to th

year in the space on the right of this

3161

GOLDTHORPE
PARK END RD No 10
1931 - 1940

780601

OPY FOR OFFICIAL USE.

L ORGANIZATION.

llowing

Jan. 1, following
·04

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·13			·11			·03	·02		·01	1
2		·03		·64	·01	·48			·64	·04	·01	·03	2
3				·11		·03	·03		·47		·18	·17	3
4	·04	Snow ·07		·08			·41	·10	1·80		·06	·01	4
5		Snow+Rain ·05			·18	·98	·03	·86	·11		·01	·15	5
6		·18	Snow ·02			·12	·15	·03	·02	·18	·03		6
7		·04	Snow ·01			·82	·02	·40		·05	·27		7
8		·01	Snow ·01	·02	·04	·01	·10	·90			·12		8
9		·21	Snow ·04	·30	·03	·06	·02	·25	·06		·30	·02	9
10	·04		Snow ·03	·01	·02	·02		·08			·10		10
11	·01	·45				·01	·02	·01	·12		·02		11
12	·02	·03					·61		·14	·05	·06		12
13	·01					·02	·01	·02	·01				13
14		·04				·85	·42	·73			·53	·02	14
15	·02	·01		·06	·01		·17	·01	·02		·07	·03	15
16	·10	Snow Sleet ·13		·07	·08	·70		·12	·28				16
17		·16		·48	·05	·08	·02	·15	·03	·01			17
18	·02	·02		·24		·25	·30	·06			·41		18
19	·03			·11		·01	·20	·07	·16	·03	·01		19
20	·01	·08	·01	·08			·02	·37			·01	·02	20
21	·05	·02			·18			·01			·06	·01	21
22	·04			·02	·22			·10	·01		·01		22
23	·25			·07	·57	·20	·16		·01		·20	·01	23
24	·02			·15	·56		·10		·01	·02	·01		24
25	·02	·01		·56		·05	·13				·01		25
26	·08	·07		·12	·21		·02				·20	·01	26
27	·10	·24		·06	·01		·03			·14	·25	·03	27
28	·22	Snow ·32		·14	·14		·01				·01	Snow Sleet ·12	28
29	·45				·08		·07			·24		·04	29
30	·06	×			·19								30
31	·19	×		×		×			×	·07	×	·01	31
TOTAL	1·78	2·19	·25	3·32	2·52	4·80	3·05	4·27	3·95	·85	3·24	·69	YEAR'S TOTAL 30·91
*Days with ·01 in. or more.	21	21	7	19	17	18	23	18	17	11	24	16	212
*Days with ·04 in. or more.	12	13	2	16	12	12	12	13	9	7	14	4	126

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(Signed) Ernest Washington.

P.T.O.

*See Instruction 2 (*f*) on other side.

3161

Section **A** for the entry of I COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Goldthorpe.

in the County of York.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft 6" in.

,, Ground ,, Sea Level about 93 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·04

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·13			·11			·03	·02		·01	1
2		·03		·64	·01	·48			·64	·04	·01	·03	2
3				·11		·03	·03		·47		·18	·17	3
4	·04	Snow ·07		·08			·41	·10	1·80		·06	·01	4
5		Snow+Rain ·05			·18	·98	·03	·86	·11		·01	·15	5
6		·18	Snow ·02			·12	·15	·03	·02	·18	·03		6
7		·04	Snow ·01			·82	·02	·40		·05	·27		7
8		·01	Snow ·01	·02	·04	·01	·10	·90			·12		8
9		·21	Snow ·04	·30	·03	·06	·02	·25	·06		·30	·02	9
10	·04		Snow ·03	·01	·02	·02		·08			·10		10
11	·01	·45				·01	·02	·01	·12		·02		11
12	·02	·03					·61		·14	·05	·06		12
13	·01					·02	·01	·02	·01				13
14		·04				·85	·42	·73			·53	·02	14
15	·02	·01		·06	·01		·17	·01	·02		·07	·03	15
16	·10	Snow Sleet ·13		·07	·08	·70		·12	·28				16
17		·16		·48	·05	·08	·02	·15	·03	·01			17
18	·02	·02		·24		·25	·30	·06			·41		18
19	·03			·11		·01	·20	·07	·16	·03	·01		19
20	·01	·08	·01	·08			·02	·37			·01	·02	20
21	·05	·02			·18			·01			·06	·01	21
22	·04			·02	·22			·10	·01		·01		22
23	·25			·07	·57	·20	·16		·01		·20	·01	23
24	·02			·15	·56		·10		·01	·02	·01		24
25	·02	·01		·56		·05	·13				·01		25
26	·08	·07		·12	·21		·02				·20	·01	26
27	·10	·24		·06	·01		·03			·14	·25	·03	27
28	·22	Snow ·32		·14	·14		·01				·01	Snow Sleet ·12	28
29	·45				·08		·07			·24		·04	29
30	·06	×			·19								30
31	·19	×		×		×			×	·07	×	·01	31
TOTAL	1·78	2·19	·25	3·32	2·52	4·80	3·05	4·27	3·95	·85	3·24	·69	YEAR'S TOTAL 30·91
*Days with ·01 in. or more.	21	21	7	19	17	18	23	18	17	11	24	16	212
*Days with ·04 in. or more.	12	13	2	16	12	12	12	13	9	7	14	4	126

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(Signed) Ernest Washington.

P.T.O.

*See Instruction 2 (*f*) on other side.

File No 766009/27.

COPY FOR OFFICIAL USE.

Station No. 3161.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932..

Kept at Goldthorpe (Parish of Bolton-on-Dearne)

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 93 ft approx

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·16

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	·04		·03	·56		·04	·07	·13	·11	·01	·03	1
2	·05				·45			·01	·18	·02		·11	2
3				·26			·19			·04		·04	3
4	·01			·18	·02						·06	·02	4
5	·08		·11		·09				·02			·01	5
6	·44		·11	·05	·01				·08	·01			6
7	·04		·07	·10			·13		·19	·06	·02		7
8		·01		·02	·02				·10	·20			8
9	·05	Snow ·10	·02	·09	·02				·01	·01		·02	9
10	·09	Snow ·05					·02		·03	·20		·10	10
11	·04	·02	·04	·13	·14	·14	·22		·02	·01	·03		11
12	·07	·01	·01	·01	·05		·03	·01		·12	·06		12
13	·03	·10		·09	·03		·16			·20	·01	·02	13
14	·06			·10			·06			·04	·11	·01	14
15	·01			·02	·07					·04	·05	·04	15
16	·21			·17	·04		·04			·01			16
17							·05			·11			17
18					·02								18
19		·02		·05					·03	·10	·02	·01	19
20				·03	·46		·06	·41		·19	·02		20
21			·14	·30	2·88		·01	·61		·52	·01	·05	21
22	·01		·36	·01	·34		·14		·23	·02	·21		22
23		·01		·08	·10		·08		·01	·04	·06	·02	23
24	·03				·01		·62		·01	·02	·04		24
25		·03		·01	·03					·38	·04	·01	25
26		·05		·18	·41		·04		·02	·22	·11	·02	26
27			·23	·10	·57		·04			·01	·16		27
28			·04	·08	·18	·16	·33	·54			·01	·01	28
29			·12	·07	·02	·02	·05	·27	·16	·35		·10	29
30		×	·05	·08		·27		·09	·03	·02	·16	·23	30
31		×	·10	×	·01	×	·30		×		×	·04	31
TOTAL	1·26	·44	1·40	2·24	6·53	·59	2·61	2·01	1·25	3·05	1·19	·89	YEAR'S TOTAL 23·46
*Days with ·01 in. or more.	16	11	13	24	24	4	20	8	16	26	19	19	200
*Days with .04 in. or more.	11	4	11	17	14	3	14	6	7	17	11	8	126

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*See Instruction 2 (*f*) on other side.

(Signed) Ernest Washington

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3161.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at No. 10. Park-end Rd Goldthorpe.

in the County of York.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft 6 in.

" Ground " Sea Level 93 ft. approx

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·01.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·16	·11	·14								·11		1
2	·15		·28								·10		2
3	·04	·08	·10		·27						·11		3
4	·08	·02	·01		·01								4
5	·11	·02	·03		·25								5
6	·01	·10	·06		·72								6
7	·01	·11	·01		·23		·19			·58		·07	7
8			·48		·02		·50				·02	·02	8
9		·14			·01		·21			·30		·03	9
10		·06				·08				1·54	·03		10
11					·03		·13	·01		·20			11
12	·04					·08						Snow ·02	12
13	·01				·31		·10	·01	·05	·02	·07		13
14							·01	·02		·05	·22		14
15	Snow · Rain ·83		·01			·01	·43	·03		·10	·95	·05	15
16	Snow ·38		·34	·02	·05	·04	·14			·08	·05		16
17	·20	·01	·76	·01	·03	·11		·03			·08		17
18		Snow ·11	·15			·12					·07		18
19		·12	·40	·02		·32					·02	·03	19
20								·02	·04		·03		20
21					·02	·29		·04	·02		·03		21
22						·06		·13		·61	·01		22
23		·03		·12				·01	·40	·02			23
24		Snow ·48		·16	·08	·16			1·45		·05		24
25		Snow 1·20		·22	·26				·27	·01	·01	·07	25
26		Snow ·90		·04					·01	·08		·01	26
27		·05			·08				·02	Snow, Sleet 11			27
28		·03			·17		·05		·02	·17			28
29				·26			·01			·20			29
30	·13	×	·04	·16			·03			·02		·02	30
31	·11	×		×		×		·01	×	·03	×	·01	31
TOTAL	2·26	3·54	2·81	1·01	2·54	1·27	2·10	·31	2·28	4·12	1·96	·33	YEAR'S TOTAL 24·56
*Days with ·01 in. or more.	14	17	14	9	16	10	11	10	9	17	17	10	154
*Days with .04 in. or more.	11	12	10	6	10	9	8	2	5	12	10	3	98

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*See Instruction 2 (*f*) on other side.

(*Signed*) E. Washington

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3161.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

File No. Y66009/21.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at No. 10. Park-end Road Goldthorpe

in the County of York

Diameter of Funnel of Gauge 5 in."

Height of top of Gauge above Ground 1 ft 6' in.

,, Ground ,, Sea Level 93 ft. approximately

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·28.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01							·05	·02	·04		·08	1
2		·01	·02					·05	·15		·07	·24	2
3	·02	·01								·11	·02		3
4	·02		·04	·37						·20		·62	4
5			·07		·25			·06		·03	·11	·12	5
6			·08	Snow ·01	·22	·02		·16		·10		·66	6
7	·05		·03			·07				·15	·04	·18	7
8					·06	·25		·08		·14	·52	·02	8
9			·13	·04				·01		·03	·85	·10	9
10			·34	·21				·01			·07	·02	10
11	·40		·26	·34								·26	11
12			·19	·15			·22					·12	12
13	·31		·03				·42	·10				·02	13
14	·06		·22		·01	·42		·01		·15	·14	·17	14
15	·21		·10		·14				Thunderstorm 5-30 pm to 9-15 pm ·37	·06	·11	·01	15
16			·08		·27					·01	·08	·06	16
17	·09		·04		·01		·08		·06	·03	·03	·07	17
18	·09		·10	·20	·02	·02	·02					·03	18
19			·09	·01	·02	·06				·01			19
20			·02		·01	·13			·02				20
21	·01					·25			·06	·07			21
22								·05	·26	·01			22
23				·03			·35			·02	·09	·07	23
24		·07	·12	·10		·09	·03		·02	·03		·05	24
25	·02			·02		·01			·07	·09		2 days ·40	25
26	·12			·03					·05				26
27		Snow & Rain ·82		·53		·07	·01		·06	·06		·07	27
28				·14		·27		·20		·01		·25	28
29			·03						·45			·03	29
30	·07	✕					·35		·01	Snow & Rain ·17		·01	30
31	·03	✕		✕		✕		·05	✕	·05	✕	·02	31
TOTAL	1·51.	·91.	1·99	2·18	1·01	1·66	1·48	·83	1·60.	1·57	2·13	3·68	YEAR'S TOTAL 20·55
*Days with ·01 in. or more.	15	4	19	14	10	12	8	12	13	22	12	26	167
*Days with .04 in. or more.	9	2	14	9	5	9	5	9	9	13	10	17	111

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*See Instruction 2 (*f*) on other side.

(*Signed*) Ernest Washington.

P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3161.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Park-end Rd Goldthorpe

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6" in.

,, Ground ,, Sea Level 93 ft. approx

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·01

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·28		·52	·02		·03			·63	·04	·22	·32		1
2	·01		·02			·26				·38	·03			2
3		·08	·33	Snow ·06		·02				·03	·20			3
4		·02	·02			·06			·01	1·22	·02			4
5	·01	·18	·10	·02		·08			·05	·10				5
6	Snow ·04					·22								6
7	·05			·03		·27				·20	·68	·15		7
8			·02	·10		·07		·18		·01	·03	·11		8
9			·01	·05		·08				·65	·14	·01		9
10	·01		·02	·06		·04				·11	·03			10
11	·22					·01				·01	·15	·13		11
12														12
13	·13	·01		·08	·16									13
14	·01	·02		·25	·03	·05			·23		·62	Snow ·12		14
15		·03		·26	·03		·03		·06		·14	·15		15
16		·32	·15	·03		·03	·09		·33		·55			16
17		·02		·07		·35	·05		·19		1·05			17
18	·04			·16	Snow ·05	·14	·38		·14	·08	·15			18
19	·02			·08		·21	·03				·18			19
20		·05		·40		·06					·56			20
21		Sleet ·57		·10					·41		·11			21
22	Snow	Sleet ·25	·01								·01			22
23			·06	·20				·46	·02	·23				23
24	·04	·60	·06						1·09		~~Snow ·20~~	Snow ·20		24
25	·60	·15				·08						·18		25
26	Snow ·30						·02	·53	·38		·05	·25		26
27	Snow ·11	·16		·01			·02		·36	·04	·04	·68		27
28									·04		·01	·26		28
29	·04		·04						·05	·11		·12		29
30	·03	X		·01				·11	·05	·13	·24	·03		30
31		X		X		X			X		X			31
TOTAL	1·44	2·46	1·26	1·98	·28	2·08	·62	1·30	4·04	3·64	5·21	2·87	Year's Total. 24·18	
* Days with .01 in. or more.	17	14	13	18	5	19	7	5	16	16	22	·15	167	
* Days with .04 in. or more.	11	9	7	13	2	14	3	4	14	13	16	·13	119	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Ernest Washington

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3161

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at 10 Park End Road

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level 91 ft. apx.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·10	·15	·45		·02	·01	·16			·03	·11		1
2		Snow ·02	·10			·53	·03	·10			·20	·15		2
3	·03	Snow ·10				·22		·01				·03		3
4	·03	Snow ·04	·05			·04		·02			·20	·06		4
5	·08		·22		·01			·14	·25			·15		5
6	·02				·01	·05	·14	·31	·45		·10			6
7	·22						·55		·03	·06				7
8	·10		·12								·19			8
9			·03		·02	·01	1·75	·02		·04	·24			9
10			·02	·01			·64	·08			·12			10
11						·03	·03				·46			11
12					·08	·97	·35		·34		·25	·15		12
13				·40		·20	·03		·05	·04	·01	·28		13
14				·12		·06			·34		·03	·10		14
15				·23		·01	·02	·05	·09		·16	·05		15
16	Snow 1·18	·07		·12			·02				·40	·01		16
17		·83			·05		·10		·27	·02	·03			17
18							·05	·04		·29				18
19				·01		·22	·01	·52		·04				19
20	·06		·07			·62	·01		·01	·03				20
21				·04		·06								21
22		Snow·Rain ·75	·11		·03	1·08	·13							22
23			·06	·04	·10		·31							23
24	·20	·04		·01	·35				·25	·20				24
25	·14		·05				·05		·27	·12				25
26		·09	·52						·12	·14				26
27	·18		·06						·15	·16				27
28	·25	Snow Sleet ·75	·05				·23		·02		·08	·08		28
29	·25	Snow·Sleet ·40	·11		·01	·24	·02			·03	·35	·12		29
30	·05				·43	·04	·19			·88	·08			30
31	·06		·04		·01		·02					·10		31
TOTAL	2·85	3·19	1·76	1·43	1·10	4·40	4·69	1·45	2·64	2·05	2·93	1·44	Year's Total 29·93	Inches. ✓
* Days with .01 in. or more.	15	·11	16	~~10~~ 12	11	17	22	11	14	13	17	14	~~171~~ 173	✓
* Days with .04 in. or more.	12	·10	14	~~10~~ 9	5	13	12	8	11	10	13	12	~~124~~ 129	✓

40-9999.

† Spare column, no entries required.

(*Signed*) Ernest Washington [P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3161

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1934

Kept at 10. Park-end Rd Goldthorpe Nr Rotherham

in the County of York

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 93 ft. approx

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ·02

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	·12	·05				·02		·03			·06		1
2		·07		·24					·02			1·82		2
3		·02		·20			·01					·01		3
4	·07			·13								·26		4
5	·14		Snow: Sleet ·03									·11		5
6	·02		Snow: Sleet ·12	·03	·18		·62				·02	Snow ·22		6
7		·52		·20	·14						·02	Snow ·02		7
8		·42		·05							·10	Snow ·21		8
9		·08		·03	·28		·49	·03				Snow ·05		9
10	·02	·04		·10	·05	·07					·02	Snow ·26		10
11			Snow: Sleet 1·04	·03	·80							·06		11
12	·08	·29	·03		·33	·40			·16			·06		12
13		·06	·02	·03	·08	1·07			·06			·13		13
14			·33									·20		14
15	·10	·25	Snow ·03	·40			1·23		·05			·06		15
16	·11	·05	·23	·80				·07	·18			·02		16
17	·14		·25	·39					·82					17
18	Rain: Sleet 1·16	·06	·05			·07	·02				·41			18
19		·02		·03		·18	·10				·39			19
20	·15	Snow: Sleet ·07		·21	·65									20
21		·02	·01	·02			·18			·03		·02		21
22	·01		·02		·02					·12	·12			22
23	·36				·01		·08			1·41	·42			23
24	·15	·22			·01	·02	·01		·03	·20				24
25	·08	·32	Snow ·10							·36		·02		25
26		·17	Snow ·10		·36				·01					26
27		Snow ·23	Snow ·04	·08						·63		·04		27
28		·48	·10							·01				28
29	Snow ·26									·01	·02	·02		29
30	·25	✕				·04		·01		·02	·05	·03		30
31	·34	✕		✕		✕			✕	·25	✕	·06		31
TOTAL	3·41	3·51	2·55	2·97	2·91	1·85	2·76	·11	1·36	2·94	1·57	3·74	Year's Total 29·68	✓
* Days with .01 in. or more.	18	20	17	17	12	7	10	3	9	10	10	22	155	✓
* Days with .04 in. or more.	14	17	11	11	9	6	6	1	5	6	6	15	107	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Ernest Washington

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3161

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at No. 10. Park-end Road Goldthorpe

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 100 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	·02			·02	·48	·35			·04	·05	·11		1
2	·05			·02	·05	·01				·09	·06	·16		2
3	·03					·02	·03		·16	1·06				3
4	·09					·03	·07			·12	·02	·16		4
5						·10	·02	·37	·01	·52	·01			5
6	·03	·01					·26	·01		·06		·02		6
7	·07						·16	·10	·38	·01		·04		7
8	·37						·10	·43		·26		·07		8
9	·08	·05						·92				·29		9
10						·06	·10		·01		·01	·03		10
11	·21						·04			·02		·05		11
12	·18	Snow: Sleet ·05			·04			·11		·23	·03			12
13		Snow: Sleet ·06						·65		·05	·07	·31		13
14	·13	Snow: Sleet ·06			·03		·25		·16					14
15	·37						·52	·01			·01	·31		15
16	·08						·50				·07	·29		16
17					·25		·11	·15		·04		·02		17
18					·17	·06		·04	·82	·08	·14			18
19								·05	·09			Snow ·11		19
20	·01								·01		·32	Snow ·17		20
21			·01						·02		·02	Snow ·12		21
22						·37					·25	Snow: Sleet ·19		22
23					·03	·06		·07	·40		·32			23
24			·11		·06			·01	·30		·12	·02		24
25	·02	·13	·02				·01			·18	·61	·16		25
26		·64	·08						·09	·12	·04	·03		26
27					·22	·26	·15	·27	·12	·01	·20			27
28	·10				·60	·14	·04	·62	·11	·02		·01		28
29	·02			·06	·63	·01			·02	·01	·10	·02		29
30		✕			·16	·12			·07		·12	·03		30
31	·15	✕		✕	·40	✕			✕	·13	✕	·55		31
TOTAL	2·01	1·02	·22	·08	2·66	1·66	2·71	4·11	2·77	3·03	2·57	3·27	Year's Total 26·11	✓
* Days with .01 in. or more.	18	8	4	2	13	13	16	15	16	19	20	24	168	✓
* Days with .04 in. or more.	12	6	2	1	10	9	13	12	11	14	14	16	120	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Ernest Washington

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3161.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at No 10. Park-End Rd Goldthorpe

in the County of York

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 100 ft. approx.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

– Nil –

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01		·04	·08			·26	·34	·02	·06				1
2	·08			·08				·12	2·17	·03	·03			2
3	Snow. ·12			·10				·44			·21	·31		3
4	Snow ·26		·18	·48			·03	·11		·07	·03	·98		4
5			·01		·04		·21	·07		·19	·23	·24		5
6	·30						·36				·14			6
7	·13	·06	·04		·08		·06				·26	·20		7
8	·03		·06				·12				·15	·30		8
9		·02						·27		·80	·01	·15		9
10	Snow ·64		·02					·01	·02	·02				10
11	·10		·22		·04	·30			·04	·02				11
12		·08				·02								12
13				·03	·05	·08			·03	·02	·02			13
14	·52			·07	·18	·11	·32			·36	·04			14
15	·05		·01		·21	·33	·02		·03	·01				15
16	·01		·34		1·02	·01	·64				·07			16
17	·46		·01	·26	·05		·10			·50				17
18	·52	·03	·04			·24	·35		·01	·04	1·50			18
19	·19					·21	·40		·09					19
20	·02					·11		·09	·51					20
21	·16	·12	·20	·05	·17	·13	·24		·28					21
22	·12	·31	·04				·06		·03		·10			22
23	·10	·01		·03		·03	·03			·06	·36			23
24	Snow ·03	·01	·24	·02		·04	·03							24
25	Snow ·69		·01		·01		·01	·40			·25	·06		25
26	·04							·02		·03	·06	·07		26
27	·04	·04	·40			·05	·02			·16	·22			27
28	·05	·12	·25	·16		·06	·13				·21			28
29			·03	·02			1·14			·24	·03			29
30		✕									·13			30
31		✕		✕		✕	·02		✕	·03	✕			31
TOTAL	4·96	·80	2·14	1·38	1·85	1·42	4·55	1·87	3·23	2·64	4·03	2·31	Year's Total 31·48	" ✓
* Days with .01 in. or more.	24	10	18	12	10	14	21	10	11	17	20	8	145	✓
* Days with .04 in. or more.	19	6	12	8	9	11	14	8	5	10	15	8	125	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Ernest Washington

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3161

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930.

W.B.

Kept at 10 Park-end Road Goldthorpe

in the County of York.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 6" in.

,, Ground ,, Sea Level 100 ft. approx.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ·12 Snow.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1		Snow ·21		·02							·25	·07		1
2				·20							·29	·07		2
3		Sleet ·21								·14	·07	·11		3
4		·16		·20			·03			·13	·36	·10		4
5		·01			·15		·06			·15	·13	·21		5
6		·12								·76	·04	·03		6
7	·01	·23		·03	·09				·13			·04		7
8		·01		·10				·02		·11		·10		8
9			·14					·02	·02	·03	·78			9
10							1·26	·01			·09	·13		10
11		·08					·50				·80			11
12			·26				·02		·08		·10			12
13	·13		Snow, Rain ·37						·05					13
14				·10	·24		·16		·02	·01		·14		14
15					·02					·06	·14			15
16	Snow ·18	·25	·03				·33		·10	·86	·61	·17		16
17			·49				·59		·03	·08	·55			17
18	·06	·18	·08	·77			·13	·11	·06	·0	·03	·10		18
19		·30	·02	·22			·18		·30	·09	·16	·03		19
20		·01		·25			·03		·01	·07	·04			20
21			·06			·21	·03			·16	1·20			21
22			·01		·02	·32			·18	·01		·03		22
23		·07	·03		·01	·03			·01	·02	·10	·06		23
24	·03									·03	·01	·03		24
25	·15					·02								25
26	Snow ·82	·01			·03		·14			·06				26
27	Snow 1·30	·07					·12		·01					27
28	Snow ·08	·62		·01	·05									28
29			·12			·04						·28		29
30	Snow ·20	✕		·12						·19		·29		30
31		✕	·14	✕		✕			✕	·92	✕	·25		31
TOTAL	2·96	2·54	1·75	2·02	·61	·62	3·58	·16	1·00	3·88	5·45	2·17	Year's Total 24·04"	
* Days with .01 in. or more.	10	16	12	11	8	5	14	4	13	19	19	18	149	
* Days with .04 in. or more.	8	12	8	8	4	3	10	1	7	14	17	14	106	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Ernest Washington

[P.T.O.

3162

Section **A** for the entry c

AIR MINIST

COPY FOR OFFICIAL USE.

ALL ORGANIZATION.

FORM 1090.

REGIS 31.

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3162

UPPER WINDLEDEN N°11ᴬ

1931 - 1940

78 06 01

Kept at Windleden

in the County of Yor

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS **AY.**

An observer who does not conform *he following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		-	-								-		1
2								-					2
3					·03								3
4										·24			4
5				1·55			·43						5
6									5·55			1·52	6
7						2·18							7
8		·68	·06								1·65		8
9								2·70					9
10					·26								10
11	·68									1·12			11
12				·28			2·22						12
13									·47			·14	13
14						1·30							14
15		2·92	·24								1·66		15
16								2·34					16
17					·42								17
18	2·47									·10			18
19				1·35			1·75						19
20									·29			·14	20
21						1·29							21
22		1·16	·06								1·21		22
23								2·72					23
24					1·40								24
25	2·07									·07			25
26				1·96			·56						26
27									·03			·94	27
28		2·16				·31							28
29		×	-								2·09		29
30		×		·22				-			-		30
31	1·81	×	-	×	·65	×	·85	-	×	1·10	×	-	31
TOTAL	7·03	6·92	·36	5·36	2·76	5·01	5·81	7·76	6·34	2·63	6·61	2·74	YEAR'S TOTAL 59·33
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

3162

Section **A** for the entry of Daily Observations. **COPY FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Windleden

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		-	-								-		1
2								-					2
3					·03								3
4										·24			4
5				1·55			·43						5
6									5·55			1·52	6
7						2·18							7
8		·68	·06								1·65		8
9								2·70					9
10					·26								10
11	·68									1·12			11
12				·28			2·22						12
13									·47			·14	13
14						1·30							14
15		2·92	·24								1·66		15
16								2·34					16
17					·42								17
18	2·47									·10			18
19				1·35			1·75						19
20									·29			·14	20
21						1·22							21
22		1·16	·06								1·21		22
23								2·72					23
24					1·40								24
25	2·07									·07			25
26				1·96			·56						26
27									·03			·94	27
28		2·16				·31							28
29		×	-								2·09		29
30		×		·22				-			-		30
31	1·81	×	-	×	·65	×	·85	-	×	1·10	×	-	31
TOTAL	7·03	6·92	·36	5·36	2·76	5·01	5·81	7·76	6·34	2·63	6·61	2·74	YEAR'S TOTAL 59·33
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldey

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Section **A** for the entry of Daily Observations. Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Windleden

in the County of Yorkshire WR

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·72								1
2										·59			2
3	2·52			·36			·55						3
4									2·83			·85	4
5						·07							5
6			·32								·55		6
7		·05						·18					7
8					·65								8
9										·85			9
10	3·31			3·59			·05						10
11									1·66			·14	11
12						·41							12
13			1·16								·13		13
14		·20						·07					14
15					1·02								15
16										2·72			16
17	1·54			·58			2·25						17
18									·37			·28	18
19						–							19
20			·02								·35		20
21		–						1·82					21
22					1·94								22
23										2·43			23
24	·04			1·08			·58						24
25									·40			·44	25
26						·02							26
27			·82								3·05		27
28		·08						·04					28
29		–			1·49								29
30		×		·83		·71			·41		·99		30
31	·05	×	·89	×	·07	×	1·60	·18	×	2·37	×	·60	31
TOTAL	7·46	·33	3·21	6·44	5·89	1·21	5·03	2·29	5·67	8·96	5·07	2·31	YEAR'S TOTAL 53·87
*Days with ·01 in. or more.													
*Days with .04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. L. V. Boldy

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Section **A** for the entry of Daily Observations. Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Windleden

in the County of Yorkshire (W.R)

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2				·11			–							2
3									·02			–		3
4						–								4
5		2·93	·85								·48			5
6								·11						6
7					1·00									7
8	2·07									1·06				8
9				·22			1·22							9
10									–			·15		10
11						·11								11
12		1·15	·20								·21			12
13								·03						13
14					·76									14
15	1·62									3·25				15
16				·05			2·59							16
17									·16			·14		17
18						2·22								18
19		·10	1·97								1·80			19
20								·31						20
21					·06									21
22	·33									·57				22
23				·38			–							23
24									1·25			·14		24
25						·65								25
26		snowed up.	–								·11			26
27								·41						27
28		·77			·03									28
29	–	×								·56				29
30		×		1·34		–	·35		·55		·01			30
31	·53	×	·20	×	–	×	·95	·04	×	·49	×	·35		31
TOTAL	4·55	4·95	3·22	2·10	1·85	2·98	5·11	·90	1·98	5·93	2·61	·78	Year's Total 36·96	
*Days with ·01 in. or more.														
*Days with ·04 in. or more.														

† Spare column, no entries required

(*Signed*) Geo. E. V. Boldry

40-9999

*See Instruction 2 (*f*) on other side.

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Section **A** for the entry of Daily Observations. Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Windleden

in the County of Yorkshire (W.R.)

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1				–			–							1
2									·16			·88		2
3						–								3
4		·06	·62								·16			4
5								1·48						5
6					·95									6
7	·81									1·84				7
8				·13			–							8
9									·18			2·24		9
10						·28								10
11		·16	1·27								2·35			11
12								1·36						12
13					·30									13
14	1·23									1·48				14
15				·85			·31							15
16									·30			·75		16
17						·02								17
18		–	1·80								·44			18
19								·18						19
20					2·04									20
21	1·88									·32				21
22				·24			·16							22
23									1·47			·61		23
24						1·10								24
25		·04	·38								·09			25
26								·32						26
27					·34									27
28	·43	·03								2·00				28
29		×		1·45			2·72							29
30		×		–		·40			1·54		·12	1·60		30
31	·15	×	·06	×	–	×	·14	·33	×	·32	×	·13		31
TOTAL	4·50	·29	4·13	2·67	3·63	1·80	3·33	3·67	3·65	5·96	3·16	5·21	Year's Total. 42·00	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldry

* See Instruction 2 (f) on other side.

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Section **A** for the entry of Daily Observations. Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Windleden

in the County of Yorkshire (W.R.)

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									·40			·41		1
2						·11								2
3		1·04	·14								·36			3
4								–						4
5					–									5
6	·56									1·84				6
7				·50			·85							7
8									·48			1·22		8
9						1·54								9
10		·60	·08								1·22			10
11								–						11
12					–									12
13	·78									3·12				13
14				1·45			·02							14
15									·85			·54		15
16						1·20								16
17		4·52	·18								2·96			17
18								–						18
19					·47									19
20	·08									1·14				20
21				2·11			·82							21
22									3·35			·14		22
23						1·02								23
24		1·80	1·96								1·70			24
25								1·03						25
26					–									26
27	1·14									2·38				27
28		·34		·14			·78							28
29		✕							2·18			1·03		29
30		✕		·02		·45			·54		2·30			30
31	·09	✕	·32	✕	–	✕	–	1·55	✕	2·86	✕	·34	✓	31
TOTAL	2·65	8·30	2·68	4·22	·47	4·32	2·47	2·58	7·80	11·34	8·54	3·68	Year's Total 59·05	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at WINDLEDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1			·10								·10			1
2		·09						·46						2
3					-									3
4										·02				4
5				·64			·39							5
6									1·86			1·44		6
7						1·13								7
8			·93								1·23			8
9		·09						·78						9
10					·06									10
11										·13				11
12	1·50			·20			1·70							12
13									3·31			·81		13
14						1·22								14
15			·11								5·15			15
16		·13						·12						16
17					·34									17
18										2·24				18
19	·64			·38			·95							19
20									·47			1·55		20
21						·42								21
22			·08								1·00			22
23		1·35						·61						23
24					·48									24
25										1·35				25
26	·52			·54			·80							26
27									·84			·06		27
28						1·87								28
29		1·32	2·21								·21			29
30		✗				·73					·23			30
31	1·44	✗	·08	✗	1·02	✗	·62	·02	✗	2·16	✗	·78		31
TOTAL	4·10	2·98	3·51	1·76	1·90	5·37	4·46	1·99	6·48	5·90	7·92	4·64	Year's Total 51·01	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Geo. W. Boldey [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at WINDLEDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1								–						1
2					–									2
3	1·08									–				3
4				·43			·15							4
5									·26			1·41		5
6						·38								6
7		1·25	·44								·20			7
8								·24						8
9					·64									9
10	2·64									·01				10
11				·69			·93							11
12									·50			·58		12
13						·79								13
14		1·50	·69								·10			14
15								·24						15
16					1·15									16
17	·92									–				17
18				1·26			1·22							18
19									·82			·30		19
20						·25								20
21		1·87	1·20								1·05			21
22								·33						22
23					·84									23
24	1·44									2·17				24
25				·45			1·00							25
26									·18			·20		26
27						·02								27
28		1·30	·39								·80			28
29		✕						·10						29
30		✕		·29	·33	·29			–		·51			30
31	·75	✕	–	✕	–	✕	–	·37	✕	1·47	✕	·11		31
TOTAL	6·83	5·92	2·72	3·12	2·96	1·73	3·30	1·28	1·76	3·65	2·66	2·60	Year's Total 38·53	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at UPPER WINDLEDEN (No 11A).
in the County of YORKSHIRE.
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 2 ft. 2 in.
,, Ground ,, Sea Level ~~1161~~ ft. adopt c 1100

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1					Tr.									1
2	·06									·94				2
3				·54			·34							3
4									·14			1·25		4
5						1·45								5
6		·19	Tr.								1·33			6
7								·58						7
8					·06									8
9	1·34									5·28				9
10				·05			2·36							10
11									·37			·83		11
12						·43								12
13		·92	·39								·64			13
14								·22						14
15					·19									15
16	3·13									2·52				16
17							1·09							17
18									·47			·86		18
19						·23								19
20		·01	·10								1·03			20
21								1·06						21
22					·21									22
23	·25									·83				23
24				·03			·05							24
25									·41			·15		25
26						·93								26
27		1·39	·60								3·38			27
28		·11						·92						28
29		×			2·52									29
30	1·66	×		Tr.		1·57			1·00	·72	·27			30
31	·34	×	·78	×	·58	×	·61	Tr.	×	·57	×	1·48		31
TOTAL	6·81	2·62	1·84	·62	3·56	4·61	4·48	2·78	2·39	10·89	6·65	4·57	Year's Total 51·85	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

(*Signed*) Geo. V. Boldey [P.T.O.

* See Instruction 3 (f) on other side.

Section **A** for the entry of Daily Observations

Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Upper Wimbleden No 11a
in the County of Yorkshire W. R.
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 2 ft. 2 in.
,, Ground ,, Sea Level 1161 ft.

~~[illegible]~~
~~[illegible]~~ W

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·17									·03				1
2				·24			·70							2
3									1·21			2·57		3
4						—								4
5		—	·52								·75			5
6								·80						6
7					·55									7
8	1·10									1·54				8
9				·66			1·95							9
10									·45			2·96		10
11						·47								11
12		1·76	·76								1·45			12
13								·63						13
14					·36									14
15	1·93									1·04				15
16				·84			·93							16
17									Tr			·04		17
18						1·56								18
19		·60	·36								1·53			19
20								·38						20
21					1·43									21
22	2·02									·69				22
23				·60			1·49							23
24									·36			·05		24
25						·57								25
26		1·97	·75								3·75			26
27								·15						27
28					Tr									28
29	·35	·85								·88				29
30		✕		·27		·53	2·32		—		2·40			30
31	—	✕	·85	✕	—	✕	·42	·02	✕	·17	✕	·11		31
TOTAL	5·57	5·18	3·24	2·61	2·34	3·13	7·81	1·98	2·02	4·35	9·88	5·73	Year's Total 53·84	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

(*Signed*) Geo. E. V. Baldry

* See Instruction 3 (f) on other side.

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Section **A** for the entry of Daily Observations

Station No. 3162

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Upper Windleden No. 11 A

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. 2 in.

,, Ground ,, Sea Level 1161 ft.

Jan. adj. for snow.

Weekly

1600 E 64° N

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1									·01			·25		1
2						Tr								2
3			·01								1·22			3
4		·23						Tr						4
5					·11									5
6										2·08				6
7	·16			1·10			·16							7
8									·20			1·26		8
9						—								9
10			·20								2·75			10
11		·69						·88						11
12					·11									12
13										1·00				13
14	Tr			·61			1·40							14
15									1·86			1·47		15
16						Tr								16
17			1·83								4·14			17
18		·22						·45						18
19					·10									19
20										·93				20
21	·03			·70			2·60							21
22									2·70			·44		22
23						·62								23
24			1·00								1·95			24
25		·51						·66						25
26					·30									26
27	(2·85)									·33				27
28	~~·87~~			·15			·27							28
29		·60							·10			·55		29
30		✕		·57		·16			—		·20			30
31	~~·05~~	✕	·65	✕	·41	✕	Tr	·17	✕	1·50	✕	·55	"W"	31
TOTAL	(3·04) ~~1·11~~	2·25	3·69	3·13	1·03	·78	4·43	2·16	4·87	5·84	10·26	4·52	Year's Total ~~44·07~~	46·00 ~~46·00~~
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Geo. W. Boldup

[P.T.O.

X DUNFORD BRIDGE

FORM 1090.

B

3162/4 —

DUNFORD BRIDGE
DEARDEN MOSS N°5

1938 - 1940

98 0601

tation.

3162/4

, The following register
&c., is NOT required
values are given on t

s section and also the space for

Ann. Total Corr. for Arith. E

ng to this register should be sent:—

s Office

RAINFALL IN

At § DEARDEN Moss (

9am ......in ~~Summer~~...... GMT.

In the County of ...YORK

Distance. 2500 yds. Direction from gauge. E 10° N.

Distance................ Direction from gauge...........

Rain Gauge { Diameter of Funnel....
Height of Top above Groun
Height of Ground above Sea Level...[illegible]...*ft.*

Height of objects				
Distances ...				
Directions from gauge ...				

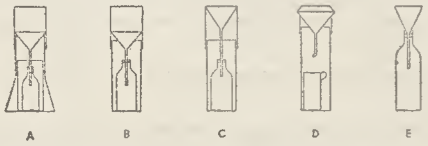
Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·35				
FEB.	3·85				
MAR.	2·85				
APRIL	·95				
MAY	4·75				
JUNE	5·35				
JULY	5·35				
AUG.	3·80				
SEPT.	2·95				
OCT.	12·95				
NOV.	7·30				
DEC.	7·80				
TOTAL	6~~7~~6·25	✓			

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print ✓ GB 8/3

F 899518/29

Signature ...Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ CE. X

* See Instruction 3 (*f*) below.

§ Turf walls round gauge (B.R. footnote)

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

X DUNFORD BRIDGE

FORM 1090.

3162/4

B

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Ann. Total Corr. for Arith. ENQ.

RAINFALL IN 1938

At § DEARDEN MOSS (No 5)

In the County of YORKSHIRE

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1500 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·35				
FEB.	3·85				
MAR.	2·85				
APRIL	·95				
MAY	4·45				
JUNE	5·35				
JULY	5·35				
AUG.	3·80				
SEPT.	2·95				
OCT.	12·95				
NOV.	7·30				
DEC.	7·80				
TOTAL	6~~7~~6·25	✓			

Print CB 8/3

F 899518/29

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ C.E. X

* See Instruction 3 *(f)* below.

§ Turf walls round gauge (B.R. footnote)

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Water Engineers Office
Dewsbury.

Hour of observation by the clock ~~in Winter~~ 9 am in ~~Summer~~ G.M.T.

Nearest Railway Station .... Distance 2500 yds Direction from gauge E 19° N.

Nearest Parish Church at .... Distance .... Direction from gauge ....

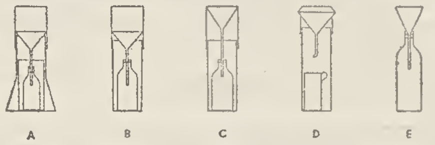
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939

At Dearden Moss no 5

In the County of Yorkshire W. R.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* ... *in.*
- *Height of Ground above Sea Level* 1500 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·20				
FEB.	6·70				
MAR.	4·65				
APRIL	3·55				
MAY	2·85				
JUNE	3·55				
JULY	9·15				
AUG.	2·25				
SEPT.	2·80				
OCT.	4·55				
NOV.	10·95				
DEC.	6·60				
TOTAL	66·80				

Signature Geo E V Bolden

* See Instruction 3 (*f*) below.

C Particulars of Station. no 3162/4

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Dunford Bridge Distance 2500 yds Direction from gauge E. 19° N

Nearest Parish Church at ... Distance ... Direction from gauge ...

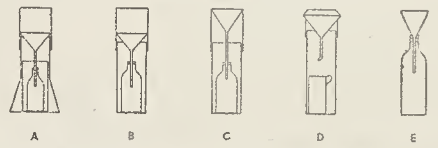
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move ... Distance ... Direction ...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~Monthly~~

M.O. 7
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

FORM 1090. C

316 2/4

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~38~~40

At Dearden Moss No 5

In the County of Yorkshire W.R.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1500 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
(3.70) JAN.	~~[illegible]~~ Not taken owing to Big Snow				
FEB.	(3.20) ~~6.40~~				
MAR.	5.60				
APRIL	5.25				
MAY	·95				
JUNE	·95				
JULY	5.30				
AUG.	2.90				
SEPT.	5.65				
OCT.	6.10				
NOV.	10.55				
DEC.	7.10				
TOTAL	~~56.75~~	57.25			

Signature Geo. E. V. Boldy

5

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Dewsbury & Heckmondwike Waterworks Board
Engineer's Office 10 Church St - Dewsbury

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station Dunford Bridge Distance 2500 Direction from gauge E 19° N

Nearest Parish Church at.................. Distance.................. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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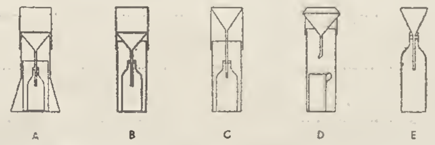

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan & Feb totals estimated by ref. to nearby stns.

Accs

O. ?
6 FEB 1941
B. R.

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(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 } ·14 18 } would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

X DUNFORD BRIDGE (STONEY

Section **A** for the entry of Daily O

AIR MINISTRY.—ME

FORM 1090

REGISTER

Kept at STONEY GATE

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5" in

Height of top of Gauge above Ground 1

" Ground " Sea Level

THE MORNING MEASUREMENT

An observer who does not conform to this rule
year in the space on the right of this paragra

3162/4/7

DUNFORD BRIDGE
STONEY GATE Nº9

1938 - 1940

480601

No. 3162/4/7

ANIZATION

27

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	·13	Tr	Tr	Tr	1·34	·16	·03	·	·14	·49	·42		1
2	·07	·30	·	·68	13	·41	Tr	Tr	-	·88	·04	·18		2
3	·04	Tr	Tr	Tr	·	·01	·16	·	·12	2·85	·35	·01		3
4	·09	Tr	·01	·04	·	·10	·19	·44	Tr	·52	·84	·80		4
5	·	·01	·	·05	·	·01	·06	·06	·03	1·47	·03	·07		5
6	21	·03	Tr	·	·	·04	·41	59	04	44	Tr	·04		6
7	39	01	·	·	·	·	23	03	33	18	·	·01		7
8	37	Tr	·	·	·	·	54	·	·	90	·	18		8
9	24	41	44	·	Tr	25	17	10	Tr	09	·	50		9
10	03	08	02	·	·	07	67	Tr	Tr	61	Tr	09.		10
11	31	13	Tr	·	·	Tr	27	Tr	02	24	11	06		11
12	25	Tr	·	·	15	Tr	Tr	18	Tr	1·30	21	01		12
13	09	04	·	·	01	Tr	Tr	Tr	35	36	29	23		13
14	58	02	·	·	02	Tr	24	·	19	04	Tr	Tr		14
15	1·40	Tr	Tr	·	Tr	·	22	19	·	08	Tr	46		15
16	66	·	14	·	02	·	36	44	·	14	11	11		16
17	·	01	·	·	19	·	15	30	02	18	03	01		17
18	10	Tr	·	·	12	26	·	34	03	79	62	Tr		18
19	Tr	01	·	·	Tr	Tr	·	08	06	Tr	Tr	10		19
20	19	·	Tr	·	·	·	·	Tr	04	·	36	09		20
21	01	·	03	·	·	03	·	03	01	·	06	08		21
22	Tr	01	·	01	·	29	·	Tr	Tr	·	49	13		22
23	Tr	·	·	01	26	26	·	·	26	01	1·05	Tr.		23
24	08	02	41	·	04	27	05	26	07	Tr	·40	Tr		24
25	47	29	09	·	·	03	·03	02	·	36	91	03		25
26	15	61	16	Tr·	Tr	30	Tr	·	14	37	10	03		26
27	35	55	Tr	·	58	35	35	41	05	Tr	72	·		27
28	85	16	22	·	50	69	16	35	12	01	Tr	09		28
29	17	×	54	·	1·42	22	11	Tr	Tr	08	17	32		29
30	36	✕	Tr	·	10	06	Tr	·	53	·	12	13		30
31	48	✕	01	✕	41	✕	·	·	✕	65	✕	1·05		31
TOTAL	7·94	3·12	2·07	·49	3·95	4·99	4·53	3·85	2·44	12·69	7·50	5·23	Year's Total 59·10	Passed
* Days with .01 in. or more.	25	18	11	5	14	19	19	17	18	24	21	26	217	GB 8/3
* Days with .04 in. or more.	23	10	7	3	11	15	18	13	13	22	19	20.	174	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N

(*Signed*) Geo. V. Boldry

G.E.V BOLDRY ESQ C.E

P.T.O.

X DUNFORD BRIDGE (STONEY

Section A for the entry of Daily O

No. 3162/4/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at STONEY GATE (No 9)

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1086 ft.

5 899518/27

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·13	Tr	Tr	Tr	1·34	·16	·03	·	·14	·49	·42		1
2	·07	·30	·	·68	13	·41	Tr	Tr	-	·88	·04	·18		2
3	·04	Tr	Tr	Tr	·	·01	·16	·	·12	2·85	·35	·01		3
4	·09	Tr	·01	·04	·	·10	·19	·44	Tr	·52	·84	·80		4
5	·	·01	·	·05	·	·01	·06	·06	·03	1·47	·03	·07		5
6	21	·03	Tr	·	·	·04	·41	59	04	44	Tr	·04		6
7	39	01	·	·	·	·	23	03	33	18	·	·01		7
8	37	Tr	·	·	·	·	54	·	·	90	·	18		8
9	24	71	44	·	Tr	25	17	10	Tr	09	·	50		9
10	03	08	02	·	·	07	67	Tr	Tr	61	Tr	09.		10
11	31	13	Tr	·	·	Tr	27	Tr	02	24	11	06		11
12	25	Tr	·	·	15	Tr	Tr	18	Tr	1·30	21	01		12
13	09	04	·	·	01	Tr	Tr	Tr	35	36	29	23		13
14	58	02	·	·	02	Tr	24	·	19	04	Tr	Tr		14
15	1·40	Tr	Tr	·	Tr	·	22	19	·	08	Tr	46		15
16	66	·	14	·	02	·	36	44	·	14	11	11		16
17	·	01	·	·	19	·	15	30	02	18	03	01		17
18	10	Tr	·	·	12	26	·	34	03	79	62	Tr		18
19	Tr	01	·	·	Tr	Tr	·	08	66	Tr	Tr	10		19
20	19	·	Tr	·	·	·	·	Tr	04	·	36	09		20
21	01	·	03	·	·	03	·	03	01	·	06	08		21
22	Tr	01	·	01	·	29	·	Tr	Tr	·	49	13		22
23	Tr	·	·	01	26	26	·	·	26	01	1·05	Tr.		23
24	08	02	41	·	04	27	05	26	07	Tr	·40	Tr		24
25	47	29	09	·	·	03	·03	02	·	36	91	03		25
26	15	61	16	Tr·	Tr	30	Tr	·	17	37	10	03		26
27	35	55	Tr	·	58	35	35	41	05	Tr	72	·		27
28	85	16	22	·	50	69	16	35	12	01	Tr	09		28
29	17	×	54	·	1·42	22	11	Tr	Tr	08	17	32		29
30	36	✕	Tr	·	10	06	Tr	·	53	·	12	13		30
31	48	✕	01	✕	41	✕	·	·	✕	65	✕	1·05		31
TOTAL	7·94	3·12	2·07	·79	3·95	4·99	4·53	3·85	2·44	12·69	7·50	5·23	Year's Total 59·10	
* Days with .01 in. or more.	25	18	11	5	14	19	19	17	18	24	21	26	217	
* Days with .04 in. or more.	23	10	7	3	11	15	18	13	13	22	19	20.	147	

SB 8/3

* See Instruction 3 (f) on other side.

N

† Spare column, no entries required.

(Signed) Geo. E. V. Boldry P.T.O.

G.E.V. BOLDRY ESQ C.E.

Section **A** for the entry of Daily Observations

Station No. 3162/4/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Stoney Gate No 9.

in the County of Yorkshire W. R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1086 ft.

~~Daily~~

~~3 30 [illegible] 62 N~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18	–	·31	·07	Tr	–	·15	·20	·03	·01	Tr	·79		1
2	·06	–	Tr	·18	Tr	–	·72	·23	1·08	·08	·09	·13		2
3	·15	–	Tr	·25	–	–	Tr	·28	·02	Tr	·19	1·41		3
4	·25	–	·21	·50	Tr	–	·28	·10	Tr	·33	·05	1·88		4
5	–	–	·01	Tr	·28	–	·19	·05	Tr	·90	·50	·07		5
6	·51	·13	·04	–	·01	–	·57	Tr	–	·05	·27	–		6
7	·37	·35	·65	–	·15	–	·07	Tr	–	·02	·50	·25		7
8	·44	·31	·39	Tr	–	–	·73	·01	–	·06	·25	·33		8
9	·24	·88	Tr	–	–	–	·04	·34	Tr	·53	·12	·67		9
10	·60	·04	·01	–	–	·15	Tr	·26	·57	·03	Tr	Tr		10
11	·23	·12	·19	–	·01	·43	–	·01	Tr	·01	Tr	·03		11
12	·41	·54	Tr	–	Tr	·14	Tr	–	Tr	Tr	Tr	·01		12
13	·02	–	·03	·18	·08	·11	Tr	–	·02	·12	·03	Tr		13
14	·75	Tr	·05	·10	·41	·17	·17	–	Tr	·36	·08	Tr		14
15	·39	·07	·02	·83	·32	·65	·19	–	Tr	·01	·10	Tr		15
16	·06	Tr	·15	Tr	1·27	Tr	·34	Tr	Tr	–	·08	·01		16
17	·75	·35	·03	·30	·14	·09	·27	–	–	·70	·05	Tr		17
18	·44	·35	·03	–	Tr	·28	·23	–	·04	·01	1·14	–		18
19	·40	–	Tr	–	·01	·03	·32	·01	·10	·01	Tr	·04		19
20	·01	–	Tr	–	Tr	·45	·12	·29	·25	–	–	·02		20
21	·08	·23	·71	·31	Tr	·12	·05	·01	·21	Tr	–	–		21
22	·31	·66	·24	·01	Tr	Tr	·06	Tr	·05	Tr	·66	Tr		22
23	·01	·78	·03	·34	–	·10	·31	Tr	Tr	·38	·22	·01		23
24	·02	·06	·02	·14	Tr	·03	·10	·02	–	·02	·03	Tr		24
25	·63	·54	·05	Tr	–	·06	Tr	·18	–	–	2·56	·02		25
26	·12	·19	·02	Tr	Tr	–	Tr	–	–	·10	·81	·08		26
27	·06	·55	·71	·06	–	·18	·02	Tr	–	·16	·60	·03		27
28	Tr	·18	·52	·11	–	·22	·34	Tr	–	Tr	·73	–		28
29	–	×	·02	·01	–	–	1·66	Tr	–	·30	·81	–		29
30	–	×	Tr	Tr	–	·09	·13	–	–	Tr	·41	–		30
31	–	×	Tr	×	–	×	·55	Tr	×	·21	×	–		31
													Year's Total	
TOTAL	7·49	6·33	4·44	3·39	2·68	3·30	7·61	1·99	2·37	4·40	10·28	5·78	60·06	
* Days with .01 in. or more.	26	18	23	15	10	17	24	14	10	~~21~~ 22	23	17	219	
* Days with .04 in. or more.	22	18	13.	13.	7	15	23	9	7	~~20~~ 14	21	10.	172	

† Spare column, no entries required.

(*Signed*) Geo. E. V. Baldry

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3162/4/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Stoney Gate No 9

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1086 ft.

Daily

Jan. adj. for snow

330. E 62 N.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	–	·13	Tr	·23	Tr	Tr	Tr	–	·01	–	·50	·27		1
2	–	·01	·01	·36	Tr	–	·10	Tr	–	Tr	·55	·15		2
3	·05	·13	Tr	·15	–	–	·07	–	Tr	·16	·05	·06		3
4	–	·09	·01	·14	–	–	·03	–	Tr	·31	·28	·28		4
5	–	Tr	–	–	·09	–	·01	Tr	Tr	·55	·19	·67		5
6	·07	·34	–	Tr	–	–	Tr	–	–	1·11	·20	·19		6
7	·06	·19	–	·18	·17	–	Tr	·15	·20	·03	Tr	Tr		7
8	·01	·01	Tr	·06	Tr	–	·01	·11	Tr	·25	Tr	·18		8
9	–	Tr	·26	Tr	–	–	·24	·23	·25	·55	1·37	·37		9
10	–	–	·02	–	–	–	·36	·48	·08	·05	1·09	·80		10
11	–	·11	·07	·09	–	·02	·08	–	–	–	1·90	Tr		11
12	–	·01	·75	–	–	Tr	·05	Tr	·92	Tr	1·07	–		12
13	–	·03	·49	Tr	–	–	Tr	·07	·55	Tr	·02	–		13
14	–	·02	·02	·62	·11	–	·68	·12	·04	·03	·04	·52		14
15	–	–	·20	·14	·02	·01	–	–	Tr	·03	·24	·08		15
16	·07	·03	·12	·10	–	Tr	·59	Tr	1·23	·69	·55	·15		16
17	–	·01	·57	Tr	–	–	1·14	Tr	·66	·01	·55	Tr		17
18	·08	·18	·21	·84	–	–	·08	·17	·28	·04	·08	·33		18
19	Tr	·13	·64	·11	–	Tr	·54	·01	·33	·05	·30	·04		19
20	–	·01	·21	·30	–	·02	·44	·59	·02	·11	·15	Tr		20
21	·02	–	·28	·01	–	·46	·07	·03	Tr	·06	1·27	–		21
22	Tr	·03	·01	Tr	·13	·14	Tr	·04	·20	·04	Tr	·03		22
23	–	·42	·05	·05	·03	·08	·02	Tr	·07	·11	·23	·05		23
24	·53	Tr	Tr	·03	·02	–	·02	Tr	·03	·09	Tr	·12		24
25	X ·10	–	Tr	Tr	Tr	·02	Tr	–	–	·08	Tr	·04		25
26	X ·60	·11	–	·04	·17	Tr	Tr	Tr	·02	·03	·09	Tr		26
27	X ·03	·22	Tr	·01	Tr	–	·09	·03	·03	Tr	·10	Tr		27
28	(2·65) X ·01	·62	Tr	·01	·18	–	–	·11	–	–	–	·05		28
29	Tr	–	·26	·08	·21	·10	·01	–	·01	·02	–	·50		29
30	X ·05	✕	Tr	·57	Tr	–	Tr	–	–	·45	Tr	·61		30
31	X ·06	✕	·37	✕	Tr	✕	–	·05	✕	·95	✕	·45		31
(3·51) TOTAL	~~3·01~~ ~~4·74~~	2·83	4·55	4·12	1·13	·85	4·63	2·19	4·93	5·80	10·82	5·94	Year's Total ~~49·53~~	51·30 ~~[illegible]~~
* Days with .01 in. or more.	(14)	21	19	21	10	8	20	14	18	24	22	22	213	"D"
* Days with .04 in. or more.	(12)	12	14	17	7	4	14	11	12	18	21	21	163	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Geo. D. Bolday

[P.T.O.

X DUNFORD BRIDGE

FORM 1090.

B

tation.

3162/5

3162/5

DUNFORD BRIDGE
END SPRINGS
N° 4.

1938 - 1940

780601

, The following register o
&c., is NOT required
values are given on th

s section and also the space for

ng to this register should be sent :—

Office

RAINFALL IN

At § ENDOFSPRINGS

In the County of ....YOR

Rain Gauge
- Diameter of Funnel......
- *Height of Top above Ground*
- *Height of Ground above Sea Level*....14.50....*ft.*

9 am. ~~in Summer~~ G.M.T.

Distance....3030 yds....Direction from gauge....E.2°N.

Distance................Direction from gauge............

Height of objects				
Distances ...				
Directions from gauge ...				

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8.65				
FEB.	11.05				
MAR.	2.80				
APRIL	1.05				
MAY	4.90				
JUNE	5.45				
JULY	5.80				
AUG.	4.35				
SEPT.	3.00				
OCT.	14.25				
NOV.	4.40				
DEC.	4.05				
TOTAL	69.05 ✓	✓			

Signature ....Geo. E. V. Boldry

X G.E.V. BOLDRY ESQ., C.E. X

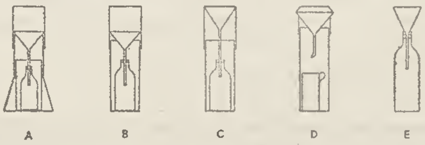
* See Instruction 3 (*f*) below.

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print ✓ OF 9/13

§ 899518/39

§ Turf wall round gauge (B.R footnote)

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

X DUNFORD BRIDGE

FORM 1090.

3/62/5

B Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At § EMBDE SPRINGS (Nº4)

In the County of YORKSHIRE

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1450 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·65				
FEB.	4·05				
MAR.	2·80				
APRIL	1·05				
MAY	4·90				
JUNE	5·45				
JULY	5·80				
AUG.	4·35				
SEPT.	3·00				
OCT.	14·25				
NOV.	4·40				
DEC.	4·05				
TOTAL	69·05 ✓	✓			

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ CE X

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Water Engineers Office

Dewsbury.

Hour of observation by the clock—in ~~Winter~~ 9 am ~~in Summer~~ G.M.T.

Nearest Railway Station Dunford Bridge Distance 3030 yds Direction from gauge E 25° N.

Nearest Parish Church at .... Distance .... Direction from gauge ....

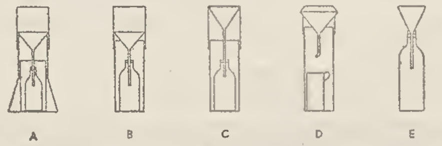
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Pond of 913

f 899518/29

§ Turf wall round gauge (B.R footnote)

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

N

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At End Springs No 4.

In the County of Yorkshire W. R.

Rain Gauge
Diameter of Funnel 5" in.
Height of Top above Ground 1 *ft.* *in.*
Height of Ground above Sea Level 1450 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·85				
FEB.	6·50				
MAR.	4·80				
APRIL	3·70				
MAY	2·40				
JUNE	3·60				
JULY	9·30				
AUG.	2·40				
SEPT.	2·80				
OCT.	4·10				
NOV.	11·45				
DEC.	6·45				
TOTAL	67·35				

Signature Geo E V Boldry

* See Instruction 3 *(f)* below.

C Particulars of Station.

No 3162/5

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station Dunford Bridge Distance 3030 yds Direction from gauge E 2° N

Nearest Parish Church at Distance Direction from gauge

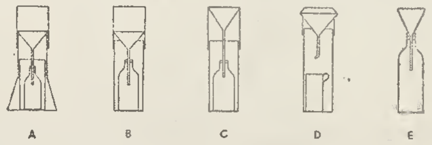
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~Monthly~~

M.O. 7
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3162/5

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~4~~40

At End Springs No 4

In the County of Yorkshire WR

Rain Gauge { Diameter of Funnel 5" in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 1450 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN. }	(3·80) Not taken owing to Big Snow				
FEB. }	(3·90) ~~11·15~~				
MAR.	5·15				
APRIL	4·90				
MAY	·85				
JUNE	·95				
JULY	5·95				
AUG.	3·05				
SEPT.	6·25				
OCT.	6·20				
NOV.	11·15				
DEC.	7·60				
TOTAL	(59·75) ~~63·20~~				

Signature Geo. J. Boldy

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Dewsbury & Heckmondwike Waterworks Board
Engineer's Office 10 Church St. Dewsbury

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Dunford Bridge Distance 3030 Direction from gauge E 2° N

Nearest Parish Church at .... Distance .... Direction from gauge ....

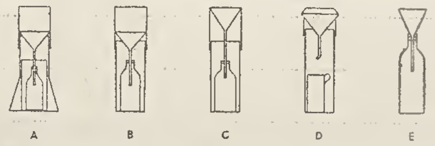
Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan & Feb Totals estimated
with ref. to nearby Stns
Reading too big originally

Accs.

M. O. ?
6 FEB 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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X DUNFORD BRIDGE R

3162|9

DUNFORD BRIDGE RES
Nº 1

1938 - 1940

78 06 01

Section **A** for the entry
AIR MINIST

Station No. 3162/9
FALL ORGANIZATION

FORM 1090

REG 38

Corr. for Anth. Oct.

Kept at § DUNFORD B
in the County of YORK
Diameter of Funnel of Gauge....
Height of top of Gauge above G
,, Ground ,, S

THE MORNING MEASU … US DAY

An observer who does not conform … the following year in the space on the right of

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	10	T	01	T	1.20	14	02	·	11	43	43		1
2	09	25	·	71	13	45	T	T	·	97	03	19		2
3	05	T	T	T	·	01	18	·	11	2.73	35	02		3
4	12	T	01	05	·	09	22	43	T	48	80	81		4
5	·	02	·	05	·	01	07	06	03	1.29	03	07		5
6	20	02	T	·	·	05	40	80	03	45	T	03		6
7	35	01	·	·	·	·	24	03	33	14	·	01		7
8	36	T	·	·	·	·	52	T	·	1.02	·	17		8
9	30	74	42	·	T	24	18	10	T	09	·	50		9
10	02	10	02	·	·	06	64	T	T	60	T	10		10
11	28	11	T	·	·	T	23	T	02	23	11	07		11
12	76	T	·	·	15	T	T	23	T	1.65	22	01		12
13	08	07	·	·	T	T	T	T	35	42	28	23		13
14	61	03	·	·	02	T	24	-	24	04	T	T.		14
15	1.24	T	T	·	T	·	22	25	·	11	T	48		15
16	76	·	16	·	01	·	34	41	·	12	11	12		16
17	·	01	·	·	20	·	16	31	02	22	04	01		17
18	09	T	·	·	12	22	·	45	03	73	53	T		18
19	T	01	·	·	T	T	·	13	11	T	T	15		19
20	22	·	T	·	·	·	·	T	06	·	31	13		20
21	T	·	03	·	·	04	·	05	01	·	06	32		21
22	T	01	·	02	·	28	·	T	T	·	48	18		22
23	01	·	·	01	29	34	·	·	23	·	93	T		23
24	14	02	44	·	05	33	02	25	08	·	35	T.		24
25	42	29	08	·	·	03	05	T	·	38	89	06		25
26	14	70	16	T	T	32	T	·	18	33	10	02		26
27	44	58	T	·	72	39	38	39	07	T	72	·		27
28	71	18	24	T	47	67	17	37	11	01	T	08		28
29	16	×	44	T	1.37	·23	11	T	T	11	16	32		29
30	42	✕	T	·	09	07	T	·	55	T	11	12		30
31	41	✕	01	✕	39	✕	·	·	✕	66	✕	1.11		31
TOTAL	7.88 ✓	3.25 ✓	2.01 ✓	·85 ✓	4.01 ✓	5.03 ✓	4.51 ✓	4.28 2 ✓	2.56 ✓	12.92 ✓	7.04 ✓	5.74 ✓	Year's Total 60.08 ✓	
* Days with .01 in. or more.	25 ✓	18 ✓	11 ✓	6 ✓	13 ✓	19	19 ✓	16 ✓	18 ✓	23 ✓	21 ✓	26 ✓	215 ✓	
* Days with .04 in. or more.	23 ✓	~~11~~ 10	7 ✓	3 ✓	11 ✓	16 ✓	18 ✓	14 ✓	12 ✓	22 ✓	19 ✓	20 ✓	~~174~~ 175	

✓ Pant
CP
✓ 9/3

† Spare column, no entries required.

(Signed) Geo. E. V. Boldry [P.T.O.

* See Instruction 3 (f) on other side.

§ Turf wall round gauge (B R footnote) G. E. V. BOLDRY ESQ C.E. X

X DUNFORD BRIDGE R

Section A for the entry of Daily Observations

Station No. 3162/9

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at § DUNFORD BRIDGE (No 1)

in the County of YORKSHIRE.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1081 ft.

Feb. & Ann. wet day Total Corr. for Anth. DA4.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	10	Tr	01	Tr	1·20	14	02	·	11	43	43		1
2	09	25	·	41	13	45	Tr	Tr	·	94	03	19		2
3	05	Tr	Tr	Tr	·	01	18	·	11	2·93	35	02		3
4	12	Tr	01	05	·	09	22	43	Tr	48	80	81		4
5	·	02	·	05	·	01	07	06	03	1·29	03	07		5
6	20	02	Tr	·	·	05	40	80	03	45	Tr	03		6
7	35	01	·	·	·	·	24	03	33	14	·	01		7
8	36	Tr		·	·	·	52	Tr	·	1·02	·	14		8
9	30	74	42	·	Tr	24	18	10	Tr	09	·	50		9
10	02	10	02	·	·	06	64	Tr	Tr	60	Tr	10		10
11	28	11	Tr	·	·	Tr	23	Tr	02	23	11	07		11
12	36	Tr	·	·	15	Tr	Tr	23	Tr	1·65	22	01		12
13	08	07	·	·	Tr	Tr	Tr	Tr	35	42	28	23		13
14	61	03	·	·	02	Tr	24	-	24	04	Tr	Tr		14
15	1·24	Tr	Tr	·	Tr	·	22	25	·	11	Tr	48		15
16	76	·	16	·	01	·	34	41	·	12	11	12		16
17	·	01	·	·	20	·	16	31	02	22	04	01		17
18	09	Tr	·	·	12	22	·	45	03	73	53	Tr		18
19	Tr	01	·	·	Tr	Tr	·	13	11	Tr	Tr	15		19
20	22	·	Tr	·	·	·		Tr	06	·	31	13		20
21	Tr	·	03	·	·	04	·	05	01		06	32		21
22	Tr	01	·	02	·	28	·	Tr	Tr	·	48	18		22
23	01	·	·	01	29	34	·	·	23	·	93	Tr		23
24	14	02	44	·	05	33	02	25	08	·	35	Tr		24
25	42	29	08	·	·	03	05	Tr	·	38	89	06		25
26	14	70	16	Tr	Tr	32	Tr	·	18	33	10	02		26
27	44	58	Tr	·	72	39	38	39	07	Tr	72	·		27
28	71	18	24	Tr	47	67	17	37	11	01	Tr	08		28
29	16	x	44	Tr	1·37	·23	11	Tr	Tr	11	16	32		29
30	42	✕	Tr	·	09	07	Tr	·	55	Tr	11	12		30
31	41	✕	01	✕	39	✕	·	·	✕	66	✕	1·11		31
TOTAL	7·88	3·25	2·01	·85	4·01	5·03	4·51	4·28	2·56	12·92	7·04	5·74	Year's Total 60·08	
* Days with .01 in. or more.	25	18	11	6	13	19	19	16	18	23	21	26	215	
* Days with .04 in. or more.	23	10	7	3	11	16	18	14	12	22	19	20	175	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Geo. E. V. Boldry [P.T.O.

§ Turf walls round Gauge. (B R footnote) G. E. V. BOLDRY Esq C.E. X

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. No 3162/9.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Dunford Bridge No. 1

in the County of Yorkshire W. R.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1081 ft.

~~Daily~~

~~[illegible]~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	–	·33	·07	Tr	–	·17	·15	·01	·01	Tr	·73		1
2	·11	–	Tr	·19	Tr	–	·76	·26	1·14	·07	·09	·13		2
3	·18	–	Tr	·26	–	–	Tr	·30	·03	·01	·18	1·37		3
4	·40	–	·22	·53	Tr	–	·27	·14	Tr	·28	·06	1·96		4
5	–	–	·01	Tr	·30	–	·17	·06	Tr	·96	·52	·06		5
6	·74	·12	·04	–	·01	–	·56	Tr	–	·06	·25	–		6
7	·25	·39	·46	–	·20	–	·09	Tr	–	·02	·57	·20		7
8	·41	·30	·36	Tr	–	–	·87	·01	–	·04	·22	·37		8
9	·19	·98	Tr	–	–	–	·05	·33	Tr	·56	·09	·69		9
10	·62	·05	·01	–	–	·15	Tr	·31	·67	·04	Tr	Tr		10
11	·20	·13	·15	–	·01	·45	–	·03	·01	·01	Tr	·05		11
12	·46	·47	Tr	–	Tr	·15	Tr	–	Tr	Tr	·01	·01		12
13	·02	–	·04	·20	·08	·11	Tr	–	·03	·14	·04	Tr		13
14	·71	Tr	·06	·10	·41	·16	·23	–	Tr	·40	·08	Tr		14
15	·39	·07	·02	·81	·33	·60	·21	–	·01	·01	·10	Tr		15
16	·07	Tr	·11	Tr	1·28	Tr	·31	Tr	Tr	–	·09	Tr		16
17	·76	·46	·04	·20	·17	·07	·23	–	Tr	·57	·05	Tr		17
18	·42	·30	·04	–	Tr	·29	·26	–	·06	·01	1·15	–		18
19	·41	–	Tr	–	Tr	·05	·31	·01	·13	·02	Tr	·04		19
20	·01	–	Tr	–	Tr	·49	·20	·28	·28	–	–	·02		20
21	·08	·20	·75	·27	Tr	·16	·02	·01	·24	Tr	–	–		21
22	·29	·69	·25	·02	Tr	Tr	·05	Tr	·08	Tr	·75	Tr		22
23	·02	·87	·04	·30	–	·13	·32	Tr	Tr	·40	·22	·01		23
24	·02	·09	·02	·16	Tr	·01	·05	·02	–	·02	·02	Tr		24
25	·56	·56	·06	Tr	–	·07	Tr	·16	–	–	2·74	·03		25
26	·14	·17	·02	Tr	Tr	–	Tr	–	–	·11	·74	·11		26
27	·09	·56	·82	·06	–	·17	·02	Tr	–	·14	·55	·05		27
28	Tr	·16	·60	·15	–	·23	·39	Tr	–	Tr	·73	–		28
29	–	×	·02	·02	–	–	1·74	Tr	–	·30	·79	–		29
30	–	×	Tr	Tr	–	·09	·17	–	–	Tr	·53	–		30
31	–	×	Tr	×	–	×	·60	Tr	×	·23	×	–		31
TOTAL	7·70	6·57	4·47	3·34	2·79	3·38	8·05	2·07	2·69	4·41	10·57	5·83	Year's Total 61·87	
* Days with .01 in. or more.	26	18	23	15	9	17	24	14	12	23	24	16	221	
* Days with .04 in. or more.	22.	18	17	13	7	16	22	9	7	15	22	12	180	

† Spare column, no entries required.

(*Signed*) Geo. W. Boldry [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3162/a

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Dunford Bridge No 1

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 1081 ft.

Daily

700 E.3.S.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	·14	Tr	·26	Tr	Tr	Tr	-	·02	-	·52	·29		1
2	-	·01	·01	·34	Tr	-	·13	TR	-	Tr	·54	·15		2
3	·08	·25	Tr	·17	-	-	·08	-	Tr	·17	·05	·08		3
4	-	·09	Tr	·16	-	-	·05	-	Tr	·29	·29	·33		4
5	-	Tr	-	-	·09	-	·02	TR	Tr	·63	·24	·75		5
6	·07	·44	-	Tr	-	-	Tr	-	-	1·16	·18	·20		6
7	·09	·20	-	·18	·17	-	Tr	·18	·20	·04	Tr	Tr		7
8	·01	·01	TR	·07	Tr	-	·01	·08	Tr	·26	Tr	·19		8
9	-	TR	·24	Tr	-	-	·24	·29	·31	·63	1·25	·38		9
10	-	-	·03	-	-	-	·35	·44	·10	·06	1·02	·94		10
11	-	·13	·08	·11	-	·01	·08	-	-	-	1·91	·01		11
12	-	·01	·83	-	-	Tr	·05	TR	·85	Tr	·98	-		12
13	-	·07	·58	Tr	-	-	Tr	·07	·58	Tr	·02	-		13
14	-	·02	·07	·51	·13	-	·81	·12	·04	·03	·06	·52		14
15	-	-	·14	·17	·02	·02	-	-	Tr	·03	·24	·08		15
16	·15	·19	·14	·08	-	Tr	·60	TR	1·35	·69	·52	·10		16
17	-	·01	·63	TR	-	-	1·08	TR	·57	·01	·56	Tr		17
18	·11	·33	·22	1·04	-	-	·08	·20	·27	·02	·09	·36		18
19	Tr	·14	·55	·14	-	Tr	·59	·01	·32	·10	·29	·04		19
20	-	·02	·20	·28	-	·04	·42	·66	·03	·11	·20	Tr		20
21	·11	-	·26	·02	-	·47	·10	·03	Tr	·07	1·26	-		21
22	Tr	·06	·01	Tr	·14	·13	Tr	·05	·21	·04	Tr	·03		22
23	-	·40	·05	·05	·03	·10	·02	Tr	·08	·12	·22	·04		23
24	·56	Tr	Tr	·03	·03	-	·01	Tr	·03	·05	Tr	·12		24
25	·11	-	Tr	Tr	Tr	·03	Tr	-	-	·08	Tr	·05		25
26	·77	·11	-	·03	·21	·01	Tr	Tr	·02	·02	·12	Tr		26
27	·46	·21	Tr	·01	Tr	-	·12	·04	·02	Tr	·11	Tr		27
28	·83	·68	Tr	·03	·18	-	-	·13	-	-	-	·03		28
29	Tr	-	·27	·09	·29	·12	·01	-	·02	·02	-	·57		29
30	·12	✕	Tr	·58	Tr	-	Tr	-	-	·45	Tr	·57		30
31	·15	✕	·38	✕	Tr	✕	-	·06	✕	·94	✕	·49		31
TOTAL	3·62	3·52	4·69	4·35	1·29	·93	4·85	2·36	5·02	6·02	10·67	6·32	Year's Total 53·64	
* Days with .01 in. or more.	14	21	18	21	10	9	20	14	18	24	22	23	214	
* Days with .04 in. or more.	13	15	15	16	7	5	15	12	12	18	21	20	169	

† Spare column, no entries required.

(*Signed*) Geo. Boldey

* See Instruction 3 (*f*) on other side.

P.T.O.

3163

3163

DUNFORD BRIDGE
No 1A.

1931 - 1940

78 06 01

Section **A** for the en
AIR MIN

COPY FOR OFFICIAL USE.
AINFALL ORGANIZATION.

FORM 1090. **REC** **1931.**

Kept at Dunford
in the County of Yo

Diameter of Funnel of Gauge
Height of top of Gauge above
,, Ground ,,

THE MORNING M **S DAY.**

An observer who does not confo *of the following year in the space on the right*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	-	-	·05	-	·27	-	-	·09	·12	-	-	1
2	-	·09	-	·65	·03	·55	-	-	·42	·04	·03	·05	2
3	-	-	-	·14	-	·09	·16	-	1·33	-	·96	·60	3
4	-	·08	-	·81	-	-	·21	·02	3·39	·14	·37	·33	4
5	-	·02	-	-	·09	·84	·03	·88	·08	-	-	·57	5
6	-	·26	-	-	-	·27	1·18	-	·12	·43	·15	-	6
7	-	-	-	-	-	·29	·02	·84	-	·38	·11	·26	7
8	·03	·37	·03	·02	·03	-	·07	·76	-	·19	·14	-	8
9	-	1·18	·06	·21	-	·10	·02	·26	·12	·05	·34	·02	9
10	·09	·33	·02	-	·11	·21	-	·29	·06	-	·29	-	10
11	·52	·71	-	-	·02	·03	·04	·02	·14	-	·26	-	11
12	·09	·05	-	·01	-	-	1·15	-	·16	·11	·24	-	12
13	-	-	·14	-	·02	·03	·02	·03	-	-	-	-	13
14	·15	·05	-	-	·04	·82	·10	·84	-	-	·43	-	14
15	·31	·61	-	·07	·09	-	·33	·20	-	-	·02	·10	15
16	1·90	·12	-	·61	·20	·61	·12	·88	·20	-	-	-	16
17	-	·16	-	·32	·08	·09	·77	1·30	-	-	·05	-	17
18	·32	·13	-	·63	-	·46	·32	·11	-	·02	1·18	-	18
19	·10	·31	-	·17	-	·09	-	·37	·08	·04	-	-	19
20	·06	·15	-	·19	-	-	-	·50	-	·02	·08	·02	20
21	·57	·12	·04	-	·36	·14	-	·19	-	-	-	-	21
22	·15	·19	-	·02	·29	·02	-	-	·03	-	·05	-	22
23	·76	-	-	·46	·22	·19	·31	-	-	-	·57	·11	23
24	·12	·31	-	·30	·52	-	·15	-	-	-	·01	·24	24
25	·29	1·23	-	·59	·05	-	·08	-	-	-	·06	·15	25
26	·04	·27	-	·38	-	-	-	-	-	-	·47	-	26
27	·64	·11	-	·02	·07	-	·28	-	-	·29	·73	·25	27
28	·57	·19	-	·12	·33	·03	·32	-	-	-	-	·04	28
29	·46	X	-	-	·28	-	·25	-	-	·73	-	-	29
30	·06	X	-	·07	·02	-	·02	-	-	-	-	-	30
31	·17	X	-	X	-	X	-	-	X	·02	X	·07	31
TOTAL	7·45	7·04	·29	5·84	2·85	5·13	5·95	7·49	6·22	2·58	6·54	2·81	YEAR'S TOTAL 60·19
*Days with ·01 in. or more.	22	23	5	21	19	19	22	16	13	14	21	14	209
*Days with ·04 in. or more.	21	22	3	17	14	15	17	13	12	11	18	12	175

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldy

P.T.O.

3163

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Dunford Bridge

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	–	–	·05	–	·27	–	–	·09	·12	–	–	1
2	–	·09	–	·65	·03	·55	–	–	·42	·04	·03	·05	2
3	–	–	–	·14	–	·09	·16	–	1·33	–	·96	·60	3
4	–	·08	–	·81	–	–	·21	·02	3·39	·14	·37	·33	4
5	–	·02	–	–	·09	·84	·03	·88	·08	–	–	·57	5
6	–	·26	–	–	–	·27	1·18	–	·12	·43	·15	–	6
7	–	–	–	–	–	·29	·02	·84	–	·38	·11	·26	7
8	·03	·37	·03	·02	·03	–	·07	·76	–	·19	·12	–	8
9	–	1·18	·06	·21	–	·10	·02	·26	·12	·05	·34	·02	9
10	·09	·33	·02	–	·11	·21	–	·29	·06	–	·29	–	10
11	·52	·71	–	–	·02	·03	·04	·02	·14	–	·26	–	11
12	·09	·05	–	·01	–	–	1·15	–	·16	·11	·24	–	12
13	–	–	·14	–	·02	·03	·02	·03	–	–	–	–	13
14	·15	·05	–	–	·04	·82	·10	·84	–	–	·43	–	14
15	·31	·61	–	·07	·09	–	·33	·20	–	–	·02	·10	15
16	1·90	·12	–	·61	·20	·61	·12	·88	·20	–	–	–	16
17	–	·16	–	·32	·08	·09	·77	1·30	–	–	·05	–	17
18	·32	·13	–	·63	–	·46	·32	·11	–	·02	1·18	–	18
19	·10	·31	–	·17	–	·09	–	·37	·08	·04	–	–	19
20	·06	·15	–	·19	–	–	–	·50	–	·02	·08	·02	20
21	·57	·12	·04	–	·36	·14	–	·19	–	–	–	–	21
22	·15	·19	–	·02	·29	·02	–	–	·03	–	·05	–	22
23	·76	–	–	·46	·22	·19	·31	–	–	–	·57	·11	23
24	·12	·31	–	·30	·52	–	·15	–	–	–	·01	·24	24
25	·29	1·23	–	·59	·05	–	·08	–	–	–	·06	·15	25
26	·04	·27	–	·38	–	–	–	–	–	–	·47	–	26
27	·64	·11	–	·02	·07	–	·28	–	–	·29	·73	·25	27
28	·57	·19	–	·12	·33	·03	·32	–	–	–	–	·04	28
29	·46	×	–	–	·28	–	·25	–	–	·73	–	–	29
30	·06	×	–	·07	·02	–	·02	–	–	–	–	–	30
31	·17	×	–	×	–	×	–	–	×	·02	×	·07	31
TOTAL	7·45	7·04	·29	5·84	2·85	5·13	5·95	7·49	6·22	2·58	6·54	2·81	YEAR'S TOTAL 60·19
*Days with ·01 in. or more.	22	23	5	21	19	19	22	16	13	14	21	14	209
*Days with ·04 in. or more.	21	22	3	17	14	15	17	13	12	11	18	12	175

40-9999

(Signed) Geo. E. V. Boldy

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Dunford Bridge Reservoir

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·86	·03	–	·32	·64	–	·39	·03	1·15	·36	·16	·06	1
2	1·28	–	–	–	·78	–	·01	·02	1·67	·23	·25	·46	2
3	·31	–	–	·04	·02	–	·15	–	·15	–	–	·35	3
4	·02	·01	–	·29	–	–	–	–	·01	–	·18	·02	4
5	1·00	·02	·15	·29	·01	–	–	·04	·05	–	·02	–	5
6	1·27	–	·38	1·25	·05	–	·06	–	·23	–	–	–	6
7	·07	–	1·10	·30	·02	–	·01	–	·44	·18	·02	–	7
8	–	–	–	·21	–	–	–	–	·13	·45	·02	–	8
9	·45	·10	–	·90	·05	–	–	–	–	–	–	–	9
10	·35	·01	·02	·17	·01	–	–	–	·75	·45	–	·10	10
11	·03	·02	·02	·05	·50	·03	1·03	–	·13	·08	·02	–	11
12	·55	·02	–	·02	·32	·33	·35	–	–	·42	·04	·01	12
13	·01	·03	–	·18	·08	–	·69	·02	·33	1·08	·05	·08	13
14	·16	–	–	·18	–	–	·27	·04	–	·08	·21	–	14
15	–	–	–	·02	·22	–	–	–	–	·11	·05	·16	15
16	·54	–	·01	·24	·01	–	·03	–	–	·16	·21	·06	16
17	–	–	–	–	–	–	·11	–	·05	·91	·02	–	17
18	–	–	–	–	·03	–	–	–	–	–	·02	–	18
19	–	–	–	·28	·13	–	–	·01	–	·25	·02	–	19
20	–	–	·02	·48	·42	–	·06	·81	–	·21	·07	–	20
21	–	–	·08	·05	1·08	–	·02	1·27	–	·72	·15	·13	21
22	–	–	·19	·08	·40	–	·12	–	·09	·10	1·50	·08	22
23	–	·02	–	·21	·13	–	·04	–	–	·10	·20	·14	23
24	·05	–	–	·08	–	·01	·20	–	·17	–	·27	·04	24
25	–	·08	–	·10	·08	·01	·02	·02	·10	·80	·21	–	25
26	–	·02	–	·33	·40	–	·32	–	·08	·53	·50	–	26
27	–	–	·45	·11	·62	·02	·36	–	–	·07	·20	·05	27
28	–	–	·09	·12	·22	·02	·14	·02	–	–	–	·05	28
29	·02	–	·42	·09	·16	·03	·35	·10	·19	·95	·28	·19	29
30	–	×	·17	·06	·05	·45	·07	·08	·06	·07	·57	·12	30
31	·02	×	·19	×	·02	×	·39	–	×	–	×	·16	31
TOTAL	6·99	·36	3·29	6·45	6·45	·90	5·19	2·46	5·78	8·31	5·04	2·26	YEAR'S TOTAL 53·48
*Days with ·01 in. or more.	17	11	14	27	26	8	23	12	18	22	25	18	221
*Days with .04 in. or more.	12	1	10	25	19	2	18	6	17	22	17	16	165

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Geo. P. V. Bolding

P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Dunford Bridge
in the County of Yorkshire (W.R)
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	1·19	·03	-	-	-	-	-	·02	·07	·20	-		1
2	·53	-	·25	·12	-	-	-	-	-	-	·07	-		2
3	·08	·56	·12	-	·24	-	-	-	-	-	·04	-		3
4	·28	·26	·34	-	·16	-	-	·14	-	-	·02	-		4
5	·29	·54	·16	-	·21	-	-	-	-	-	·01	-		5
6	·06	·05	-	-	·27	-	-	-	-	-	·01	·10		6
7	·28	·25	·10	-	·22	-	·08	·01	-	·90	-	·02		7
8	·34	·17	·08	-	·05	-	·48	-	-	-	-	·06		8
9	-	·72	-	·22	·07	-	·55	·02	-	·94	·14	-		9
10	·09	·11	-	-	-	·13	·49	-	-	·93	·05	-		10
11	-	-	-	-	-	-	·42	-	-	·45	-	-		11
12	-	-	-	-	-	·19	·33	-	-	·02	-	·06		12
13	-	-	·02	-	·34	·06	·31	-	·15	·13	·09	-		13
14	·60	-	·04	-	·24	-	·06	·02	-	·05	·35	-		14
15	1·08	-	·03	-	-	-	·59	·03	-	·55	·90	·07		15
16	·38	-	·23	·05	·06	·28	·34	-	-	·17	·05	-		16
17	·04	-	·83	-	·02	·78	-	·17	·06	-	·22	-		17
18	-	·10	·38	-	-	·84	-	-	-	-	·09	-		18
19	-	·04	·51	·02	-	·07	·02	-	-	-	·06	·02		19
20	-	·07	-	-	-	-	-	·10	·03	-	·03	-		20
21	-	-	-	-	-	·21	-	·13	·02	·02	·02	-		21
22	-	-	-	-	-	·10	-	·20	-	·22	·01	-		22
23	-	·08	-	·38	-	-	-	·03	·25	·04	-	-		23
24	-	·16	-	·15	-	·47	-	-	1·57	·05	·04	-		24
25	-	·34	-	·12	·01	·02	-	-	·18	-	·02	·02		25
26	-	·81	-	·36	-	-	-	-	-	·26	·05	-		26
27	-	·07	-	-	·07	-	-	-	·06	·05	·01	-		27
28	-	-	-	-	-	-	·06	-	·04	·14	-	-		28
29	-	×	-	·03	-	-	·02	-	-	·05	-	·05		29
30	·03	×	·16	·48	-	-	·34	-	-	·22	-	·28		30
31	·53	×	·03	×	-	×	·45	·04	×	·20	×	-		31
													Year's Total	
TOTAL	4·81	5·52	3·31	1·93	1·96	3·15	4·54	·89	2·38	5·40	2·48	·68	37·05	
*Days with ·01 in. or more.	15	17	16	10	13	11	15	11	10	20	22	9	169	
*Days with .04 in. or more.	14	17	12	8	11	10	13	6	7	17	14	6	135	

† Spare column, no entries required.

(*Signed*) Geo. C. V. Bolduy.

40-9999

*See Instruction 2 (*f*) on other side.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Dunford Bridge

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	–	·02	–	–	–	–	10	–	02	01	29		1
2	–	·02	15	01	–	–	–	71	15	–	13	30		2
3	·13	05	–	–	–	–	–	01	–	17	04	04		3
4	12	–	52	14	–	–	–	–	13	90	–	96		4
5	–	–	22	03	12	–	–	36	–	34	17	07		5
6	–	–	08	02	77	10	–	43	–	20	–	60		6
7	·38	·05	08	–	–	19	–	–	–	29	18	32		7
8	–	–	02	–	15	06	–	05	03	09	79	11		8
9	–	·05	06	13	–	–	–	12	–	01	83	15		9
10	–	–	62	28	–	–	–	26	–	32	15	–		10
11	·35	–	27	37	–	–	–	24	–	02	19	24		11
12	·01	–	25	09	–	–	04	06	–	–	–	07		12
13	45	–	04	02	13	–	13	05	–	25	02	02		13
14	22	–	15	–	06	03	–	–	–	21	28	15		14
15	65	–	43	–	86	–	–	11	20	01	09	25		15
16	50	–	17	–	25	–	–	–	–	–	11	03		16
17	61	–	36	–	09	–	19	–	35	04	–	27		17
18	17	–	22	06	26	08	02	03	–	–	–	17		18
19	–	–	21	05	14	28	–	01	15	14	–	02		19
20	–	–	03	13	16	–	–	07	12	08	–	–		20
21	–	–	–	–	15	55	–	10	07	07	–	–		21
22	·02	–	02	–	07	–	–	15	58	30	–	03		22
23	–	–	04	44	–	02	41	–	–	14	06	09		23
24	–	·03	09	06	–	06	–	–	19	06	–	06		24
25	·13	·01	–	05	03	01	33	–	17	28	–	40		25
26	48	–	03	09	–	04	34	–	44	09	10	05		26
27	02	·06	–	65	–	13	51	–	09	52	03	25		27
28	–	–	–	30	–	17	30	10	–	65	–	38		28
29	–	×	02	–	–	–	04	16	44	10	–	22		29
30	14	×	–	–	–	–	10	–	11	17	–	11		30
31	–	×	–	×	–	×	–	–	×	01	×	11		31
TOTAL	4·59	·27	4·10	2·92	3·34	1·72	2·41	3·12	3·22	5·53	3·18	5·76	Year's Total. 40·16	✓
* Days with .01 in. or more.	17	7	24	18	14	13	11	19	15	27	16	28	209	
* Days with .04 in. or more.	14	4	18	14	13	10	10	16	14	22	13	24	173	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldry

[P.T.O.

COPY FOR OFFICIAL USE. ✗

Section **A** for the entry of Daily Observations.

Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Dunford Bridge

in the County of Yorkshire (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·24	·29	·12	·04	–	–	·12	–	·31	·45	·10	·51		1
2	–	·08	–	–	–	·11	–	–	·02	·38	·05	·21		2
3	·05	·36	·04	·08	–	·01	·38	–	·01	·03	·26	·11		3
4	–	–	·01	–	–	·21	·11	–	·15	·86	–	·01		4
5	–	·47	·11	·08	–	·17	·04	–	·25	·06	·11	·07		5
6	·05	·02	–	·07	–	·38	–	–	–	–	–	–		6
7	·03	·03	–	·15	–	·37	–	–	–	·49	·47	·34		7
8	–	–	–	·14	–	·48	–	–	–	·11	·05	·42		8
9	–	–	·02	·25	–	·07	–	–	–	1·58	·23	·02		9
10	–	·01	·02	·83	–	·04	–	–	–	·87	·29	–		10
11	·43	·08	–	–	–	·10	·02	–	–	·17	·28	·14		11
12	–	·07	–	–	–	·18	–	–	·07	–	–	–		12
13	·04	·13	–	·03	·29	·02	–	–	·08	·08	·02	–		13
14	–	–	–	·22	·09	–	–	–	·30	–	1·16	·13		14
15	–	2·62 ✓	–	·38	·07	·85	·04	–	·27	·15	·15	·28		15
16	·02	1·18	·15	·41	–	·23	·15	–	1·05	·03	·60	–		16
17	–	·14	–	·43	·13	·40	·05	–	1·08	·04	·75	–		17
18	·08	–	–	·18	·02	·30	·21	–	·64	·66	·09	–		18
19	·03	·06	–	·26	–	·32	·24	–	–	·25	·26	–		19
20	·04	·44	–	·48	–	·13	·03	–	–	–	1·35	–		20
21	–	·41	–	·03	–	–	–	·11	·55	·23	·28	·12		21
22	–	·07	·35	–	–	–	–	–	·02	·01	·05	–		22
23	–	–	1·10	·12	–	–	–	·81	·05	·35	–	–		23
24	·81	·66	–	–	–	–	–	–	1·08	·05	–	·14		24
25	·03	·09	·12	–	–	·20	–	–	–	–	·13	·10		25
26	–	–	–	–	–	–	·05	1·07	·18	·61	·25	·18		26
27	·02	·10	–	–	–	·15	·69	–	·40	1·08	·55	·30		27
28	·02	–	–	–	–	–	–	·21	·07	·48	·27	·12		28
29	–	✗	·08	–	–	–	–	–	·13	·75	·14	·22		29
30	·04	✗	–	·02	–	·09	–	·13	·49	1·05	·98	·05		30
31	·02	✗	–	✗	–	✗	–	–	✗	·76	✗	·30		31
													Year's Total	
TOTAL	1·95	7·31	2·12	4·20	·60	4·81	2·13	2·33	7·20	11·58	8·87	3·77	56·87	
* Days with .01 in. or more.	16	20	11	19	5	21	13	5	21	26	25	20	202	
* Days with .04 in. or more.	9	17	8	16	4	19	11	5	18	23	24	18	172	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldey

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at DUNFORD BRIDGE
in the County of YORKSHIRE (W.R.)
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft..........in.
,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	·05	·11	·65	-	-	-	·26	·02	-	·10	·40		1
2	-	·04	·16	·07	-	·84	·23	·11	·01	-	·02	·16		2
3	·04	·04	-	-	-	·35	·01	·15	·25	-	-	·22		3
4	·12	·05	·13	-	-	·13	-	·13	·59	·02	·35	·66		4
5	·15	·01	·41	-	·02	-	-	·15	·33	·01	-	·16		5
6	·07	-	·04	-	·02	·02	·13	·33	·50	-	·22	-		6
7	·09	-	·08	-	-	-	·33	-	1·71	·02	·15	·10		7
8	·36	-	·06	-	-	-	-	-	·02	·01	·50	·11		8
9	·49	·03	·05	-	-	·01	·12	-	·28	·06	2·24	-		9
10	·17	-	·02	-	·03	-	·27	·09	-	·02	·99	-		10
11	-	-	·01	·04	-	·07	·24	-	·10	-	·75	-		11
12	-	-	-	·19	·03	·80	·40	-	·61	·03	·25	·06		12
13	·01	-	-	·11	-	·16	·46	-	-	·22	·03	·52		13
14	-	-	·03	·16	-	-	·04	-	·49	·10	·40	·98		14
15	·15	·09	-	·11	·07	·05	·08	·04	-	-	·92	·09		15
16	·11	·04	-	·10	-	-	·02	-	-	·06	·74	-		16
17	-	·69	-	-	·25	-	·06	·02	-	·92	·22	·27		17
18	-	·06	-	·03	-	·13	·22	·03	-	1·06	·01	·04		18
19	·60	·24	-	·05	-	·20	·28	·45	-	·18	-	-		19
20	·10	·19	-	-	-	-	·02	-	·04	·03	-	-		20
21	·08	-	·02	·14	-	-	-	-	-	·02	-	-		21
22	·02	·36	·07	-	·03	1·57	·20	-	-	-	-	·03		22
23	-	-	·36	·25	·25	-	·50	-	-	·08	-	-		23
24	·15	·16	-	·06	·30	-	-	·02	·16	·75	-	-		24
25	·13	·01	·09	·10	-	-	·04	-	·54	·33	-	·02		25
26	·05	·38	·83	-	-	-	·02	-	·03	·94	-	-		26
27	·72	-	·04	-	-	-	-	-	·14	·43	-	-		27
28	·32	·68	·16	-	-	-	·19	-	-	-	·02	·09		28
29	·17	·35	·92	-	·21	·76	·25	-	-	·10	·18	·10		29
30	·19	✗	-	-	·78	-	·33	-	-	1·02	·15	·11		30
31	·05	✗	·05	✗		✗	·10	-	✗	-	✗	·50		31
TOTAL	4·36	3·47	3·64	2·06	1·99	5·09	4·54	1·78	5·82	6·41	8·24	4·62	Year's Total 52·02	
* Days with .01 in. or more.	24	18	20	14	11	13	24	12	17	22	19	19	213	✓
* Days with .04 in. or more.	21	15	16	13	6	11	20	9	13	14	15	17	170	✓

40-9999.

† Spare column, no entries required.

(*Signed*) Geo W Bolder [P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at DUNFORD BRIDGE

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·26	·30	·02	–	–	–	·03	–	·20	–	·05	·20		1
2	·84	·52	·15	·22	–	–	–	–	–	–	–	·60		2
3	–	·07	·01	·14	·06	·42	·01	–	–	–	–	·09		3
4	·44	·06	·14	·08	·10	·01	·02	–	–	–	–	·29		4
5	1·96	–	·19	–	·03	–	·02	–	–	–	–	·02		5
6	·20	–	·11	·05	·08	–	·10	·20	·03	–	·10	·19		6
7	·14	·43	–	·60	·05	·06	–	–	·20	–	·09	·04		7
8	–	·50	–	·12	–	·01	·04	–	–	–	·11	·15		8
9	–	·20	·14	·02	·32	–	·43	·06	·01	–	–	·01		9
10	·04	·16	·03	–	·03	·05	–	·04	–	·02	–	·21		10
11	–	–	·67	–	·63	–	–	·02	–	–	–	·02		11
12	·18	·34	·17	·02	·32	·17	·03	–	·37	–	–	·12		12
13	–	·04	·02	–	·06	·46	–	·04	·04	–	–	·16		13
14	–	·15	·05	·01	–	–	–	·10	·09	–	–	·17		14
15	·31	·44	–	·20	–	–	1·24	–	·05	–	–	·02		15
16	·26	·59	·47	·58	·03	–	–	·17	·16	–	–	·07		16
17	·10	·02	·46	·20	–	·10	–	·03	·32	–	–	–		17
18	·58	·26	·33	·09	–	–	–	·11	·03	–	·49	–		18
19	·02	·25	·02	·13	·02	·10	·07	·05	–	–	·58	–		19
20	·35	·12	–	·14	·66	·06	–	–	·01	–	–	·01		20
21	·14	·12	·09	·02	–	–	·28	–	–	–	–	·02		21
22	·02	–	·12	·04	·11	–	·24	–	–	·31	·33	·04		22
23	·28	–	–	–	·05	–	·16	–	–	1·49	·49	–		23
24	·28	·32	·23	–	·09	·02	·10	–	·10	·40	–	·04		24
25	·14	·75	·01	–	–	–	–	·03	–	·25	–	·01		25
26	–	·39	·01	–	·26	–	–	·12	–	–	–	·04		26
27	–	·39	–	·26	–	–	–	–	–	·83	·02	·06		27
28	–	·03	·01	–	–	·03	–	–	–	·12	–	–		28
29	·02	✕	–	–	–	–	–	–	–	·05	·09	·04		29
30	·32	✕	–	–	–	·23	–	·42	–	·06	·34	·08		30
31	·42	✕	–	✕	–	✕	–	–	✕	·21	✕	·01		31
TOTAL	7·30	6·45	3·45	2·92	2·90	1·72	2·77	1·39	1·61	3·74	2·69	2·71	Year's Total 39·65	✓
* Days with .01 in. or more.	22	23	22	18	17	13	14	13	13	10	11	26	202	✓
* Days with .04 in. or more.	19	21	14	14	13	9	9	10	9	9	10	18	155	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldey

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at DUNFORD BRIDGE (No 1A)

in the County of YORKSHIRE.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. in.

„ Ground „ Sea Level ~~1081~~ 1111 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.	·07	Tr	Tr	Tr	1·16	·14	·02	.	·11	·41	·37		1
2	·08	·14	.	·62	·12	·39	Tr	Tr	-	·93	·03	·16		2
3	·03	Tr	Tr	Tr	.	·01	·16	-	·09	2·58	·31	·02		3
4	10	Tr	·01	·03	-	·09	·21	·41	Tr	·42	·57	·73.		4
5	-	·01	.	·01	-	·01	07	·05	·03	1·25	·02	·06		5
6	·19	·02	Tr	.	.	04	·39	·80	·03	·41	Tr.	·03		6
7	·28	·01	-	.	.	.	·23	·03	·31	·16	.	01		7
8	·35	Tr	.	.	.	.	·46	Tr	-	·96	-	·17.		8
9	·27	·55	·26	-	Tr	·23	·14	·09	Tr	·08	-	·53		9
10	02	·07	Tr	-	-	·06	·51	Tr	Tr	·59	Tr	·09.		10
11	·27	·09	Tr	-	-	Tr	·21	Tr	Tr	·22	·11	·07		11
12	·25	Tr			15	Tr	Tr	·22	Tr	1·49	·21	·01		12
13	08	02	-	-	Tr	Tr	Tr	Tr	·24	·37	27	21		13
14	·62	·01	-	-	02	Tr	·22	-	·19	·04	Tr	Tr.		14
15	1·13	Tr	Tr	-	Tr	-	·20	·20	-	·11	Tr	·48		15
16	·65	.	·12	.	·01		·29	·34		·12	·09	·12		16
17	-	01	-	-	·17	-	·11	·25	·02	·20	·04	·01		17
18	·08	Tr	-	-	·11	·20	-	·37	·02	·69	·52	Tr		18
19	Tr	·01	-	-	Tr	Tr	-	·11	·11	Tr	Tr	·10		19
20	17	.	Tr	-	-	-	-	Tr	03	.	·31	·09		20
21	Tr	-	·03	-	-	·02	-	·04	·01	-	·06	·09		21
22	Tr	·01	-	02	-	26	-	Tr	Tr	-	·48	·09		22
23	·01	-	-	·01	·25	·23	-	-	·22	Tr	·74	Tr		23
24	·15	·02	·32	-	·05	·25	·01	·24	·08	Tr	·33	Tr		24
25	·34	·30	·06	-	-	·01	·04	Tr	-	·34	·78	·05		25
26	·12	·60	10	Tr	Tr	·31	Tr	-	·16	·30	·10	·01		26
27	·30	·50	Tr	-	·68	·35	33	·36	·05	Tr	·69	-		27
28	·47	·15	·14	Tr	·43	·64	·16	·33	·10	·01	Tr	·07		28
29	·12	×	·27	Tr	1·27	·20	·10	Tr	Tr	·09	·17	·27		29
30	·29	✕	Tr	-	·07	·07	Tr	-	·54	Tr	11	·07		30
31	·37	✕	Tr	✕	·40	✕	-	-	✕	·66	✕	1·05		31
TOTAL	6·74	2·59	1·31	·69	3·73	4·53	3·98	3·86	2·23	12·13	6·35	4·96	Year's Total 53·10.	
* Days with .01 in. or more.	25	18.	9.	5	13	19	19	16	17	23	21	26	211	
* Days with .04 in. or more.	22	9.	7	1	11	15	18	14	11	22	20	20	170.	

† Spare column, no entries required.

(*Signed*) Geo. E.V. Boldery

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Dunford Bridge No 1a

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. - in.

,, Ground ,, Sea Level 1081 ft.

~~Daily~~

~~[illegible] 2. 3. 5.~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·20	–	·33	·06	Tr	–	·17	·15	·01	·01	Tr	·65		1
2	·06	–	Tr	·17	Tr	–	·72	·25	1·12	·06	·09	·12		2
3	·12	–	Tr	·23	–	–	Tr	·28	·02	·01	·18	1·11		3
4	·17	–	·22	·49	Tr	–	·27	·12	Tr	·29	·05	1·91		4
5	–	–	·01	Tr	·29	–	·18	·04	Tr	·94	·55	·05		5
6	·41	·12	·04	–	·01	–	·56	Tr	–	·06	·25	–		6
7	·23	·39	·40	–	·20	–	·08	Tr	–	·02	·57	·19		7
8	·38	·26	·29	Tr	–	–	·83	·01	–	·04	·22	·36		8
9	·18	·78	Tr	–	–	–	·04	·33	Tr	·55	·09	·68		9
10	·53	·04	·01	–	–	·13	Tr	·32	·60	·04	Tr	Tr		10
11	·10	·12	·17	–	·01	·43	–	·03	Tr	·01	Tr	·04		11
12	·31	·42	Tr	–	Tr	·14	Tr	–	Tr	Tr	·01	·01		12
13	·02	–	·04	·20	·07	·11	Tr	–	·03	·14	·04	Tr		13
14	·71	Tr	·05	·09	·39	·16	·23	–	Tr	·37	·08	Tr		14
15	·37	·06	·02	·70	·30	·60	·21	–	Tr	·01	·09	Tr		15
16	·07	Tr	·11	Tr	1·14	Tr	·30	Tr	Tr	–	·08	Tr		16
17	·74	·40	·03	·22	·14	·07	·23	–	Tr	·56	·04	Tr		17
18	·40	·26	·04	–	Tr	·27	·25	–	·04	·01	1·13	–		18
19	·40	–	Tr	–	Tr	·04	·31	·01	·10	·02	Tr	·04		19
20	·01	–	Tr	–	Tr	·45	·19	·27	·24	–	–	·02		20
21	·07	·20	·69	·26	Tr	·15	·02	·01	·21	Tr	–	–		21
22	·28	·63	·16	·01	Tr	Tr	·05	Tr	·06	Tr	·68	Tr		22
23	·02	·75	·03	·28	–	·11	·32	Tr	Tr	·36	·21	·01		23
24	·02	·08	·01	·13	Tr	·01	·05	·02	–	·02	·02	Tr		24
25	·37	·49	·03	Tr	–	·06	Tr	·16	–	–	2·63	·02		25
26	·11	·12	·01	Tr	Tr	–	Tr	–	–	·10	·66	·11		26
27	·06	·53	·58	·06	–	·17	·02	Tr	–	·13	·53	·04		27
28	Tr	·15	·51	·14	–	·21	·39	Tr	–	Tr	·70	–		28
29	–	×	·01	·02	–	–	1·70	Tr	–	·29	·73	–		29
30	–		Tr	Tr	–	·09	·16	–	–	Tr	·48	–		30
31	–		Tr		–		·60	Tr		·20		–		31
TOTAL	6·34	5·80	3·79	3·06	2·55	3·20	7·88	2·00	2·43	4·24	10·11	5·36	Year's Total 56·76	
* Days with .01 in. or more.	26	18	23	15	9	17	24	14	10	23	24	16	219	
* Days with .04 in. or more.	25	18	14	13	7	16	22	9	7	15	22	12	180	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Baldry

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Dunford Bridge No. 1a

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. in.

,, Ground ,, Sea Level 1081 ft.

Jan adj. for snow.
Daily

700 E. 3 S.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	·10	Tr	·26	Tr	Tr	Tr	-	·01	-	·49	·25		1
2	-	·01	·01	·34	Tr	-	·07	Tr	-	Tr	·54	·15		2
3	·06	·13	Tr	·14	-	-	·07	-	Tr	·15	·05	·05		3
4	-	·09	Tr	·14	-	-	·04	-	Tr	·30	·27	·25		4
5	-	Tr	-	-	·08	-	·02	Tr	Tr	·64	·23	·53		5
6	·07	·44	-	Tr	-	-	Tr	-	-	1·12	·18	·11		6
7	·07	·18	-	·16	·17	-	Tr	·15	·16	·03	Tr	Tr		7
8	·01	·01	Tr	·06	Tr	-	·01	·06	Tr	·25	Tr	·17		8
9	-	Tr	·22	Tr	-	-	·23	·25	·20	·61	1·28	·34		9
10	-	-	·02	-	-	-	·33	·38	·08	·05	·95	·56		10
11	-	·09	·08	·06	-	·01	·08	-	-	-	1·81	·02		11
12	-	·01	·75	-	-	Tr	·05	Tr	·83	Tr	·91	-		12
13	-	·03	·39	Tr	-	-	Tr	·06	·53	Tr	·02	-		13
14	-	·02	·05	·45	·12	-	·81	·14	·04	·03	·06	·49		14
15	-	-	·08	·11	·02	·01	-	-	Tr	·03	·23	·07		15
16	·08	·06	·12	·02	-	Tr	·50	Tr	1·30	·69	·50	·08		16
17	-	·01	·61	Tr	-	-	·92	Tr	·53	Tr	·54	Tr		17
18	·11	·20	·21	·53	-	-	·05	·14	·27	·02	·08	·31		18
19	Tr	·13	·45	·10	-	Tr	·58	·01	·34	·08	·30	·03		19
20	-	·02	·18	·28	-	·04	·41	·55	·03	·10	·17	Tr		20
21	·01	-	·25	·01	-	·46	·09	·03	Tr	·07	1·23	-		21
22	Tr	·04	·01	Tr	·14	·12	Tr	·03	·20	·03	Tr	·03		22
23	-	·32	·05	·05	·03	·08	·02	Tr	·08	·10	·23	·05		23
24	·45	Tr	Tr	·03	·02	-	·01	Tr	·03	·05	Tr	·12		24
25	× ·11	-	Tr	Tr	Tr	·03	Tr	-	-	·07	Tr	·05		25
26	× ·67	·11	-	·03	·21	·01	Tr	Tr	·02	·02	·09	Tr		26
27	× ·06 (2·65)	·20	Tr	·01	Tr	-	·13	·04	·02	Tr	·09	Tr		27
28	× ·02	·48	Tr	·02	·17	-	-	·09	-	-	-	·02		28
29	Tr	-	·27	·08	·28	·12	·01	-	·01	·01	-	·45		29
30	× ·09	✕	Tr	·57	Tr	-	Tr	-	-	·45	Tr	·38		30
31	× ·07	✕	·37	✕	Tr	✕	-	·04	✕	·91	✕	·29	D	31
(3·01) TOTAL	3·51 ~~1·88~~	2·68	4·12	3·45	1·24	·88	4·43	1·97	4·68	5·81	10·25	4·80	Year's Total ~~46·19~~	47·32 ~~47·82~~
* Days with .01 in. or more.	(14)	21	18	21	10	9	20	14	18	23	22	23	213	
* Days with .04 in. or more.	(1X2)	14	15	15	7	5 ~~6~~	15	11	12	16	21	19	16X2	

† Spare column, no entries required.

(Signed) Geo. V. Boldry

[P.T.O.

* See Instruction 3 (f) on other side.

3164

Section **A** for the entry of

AIR MINISTRY

COPY FOR OFFICIAL USE.

LL ORGANIZATION.

FORM 1090.

REGIST

1.

Kept at Dearden

in the County of Yorks

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEASU

Y.

An observer who does not conform to

year in the space on the right of th

following

Jan. 1, following

3164

DEARDEN

1931 – 1940 No 2A

780601

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		–	–								–		1
2	–							–					2
3					·03								3
4										·30			4
5				11·74			·41						5
6									4·90			1·49	6
7						2·22							7
8		·72	·05								1·60		8
9								2·83					9
10					·27								10
11	·72									1·13			11
12				·28			2·22						12
13									·47			·16	13
14						1·33							14
15		2·79	·23								1·72		15
16								2·38					16
17					·47								17
18	1·78									·14			18
19				1·63			1·67						19
20									·30			·17	20
21						1·40							21
22		1·24	·07								1·24		22
23								2·55					23
24					1·45								24
25	1·75									·07			25
26				1·78			·54						26
27									·03			·88	27
28		2·13				·28							28
29		×	–								1·77		29
30		×		·26		–		–	–		–		30
31	1·61	×	–	×	·68	×	·90	–	×	1·06	×	·13	31
TOTAL	5·86	6·88	·35	5·69	2·90	5·23	5·74	7·76	5·70	2·70	6·33	2·83	YEAR'S TOTAL 57·97
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

3164

Section **A** for the entry of COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Dearden

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		–	–								–		1
2	–							–					2
3					·03								3
4										·30			4
5				1·74			·41						5
6									4·90			1·49	6
7						2·22							7
8		·72	·05								1·60		8
9								2·83					9
10					·27								10
11	·72									1·13			11
12				·28			2·22						12
13									·47			·16	13
14						1·33							14
15		2·79	·23								1·72		15
16								2·38					16
17					·47								17
18	1·78									·14			18
19				1·63			1·67						19
20									·30			·17	20
21						1·40							21
22		1·24	·07								1·24		22
23								2·55					23
24					1·45								24
25	1·75									·07			25
26				1·78			·54						26
27									·03			·88	27
28		2·13				·28							28
29		×	–								1·77		29
30		×		·26		–		–	–		–		30
31	1·61	×	–	×	·68	×	·90	–	×	1·06	×	·13	31
TOTAL	5·86	6·88	·35	5·69	2·90	5·23	5·74	7·76	5·70	2·70	6·33	2·83	YEAR'S TOTAL 57·97
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

(Signed) Geo. E. V. Boldy [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Dearden

in the County of Yorkshire WR

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·71								1
2										·59			2
3	2·48			·28			·55						3
4									3·15			·77	4
5						·07							5
6			·38								·62		6
7		·06						·12					7
8					·66								8
9										·86			9
10	3·20			3·75			·05						10
11									1·70			·15	11
12						·38							12
13			1·18								·12		13
14		·23						·07					14
15					1·05								15
16										2·56			16
17	1·14			·59			2·38						17
18									·39			·26	18
19						–							19
20			·02								·37		20
21		–						1·97					21
22					2·02								22
23										2·28			23
24	·04			1·16			·49						24
25									·42			·34	25
26						·02							26
27			·67								2·66		27
28		·10						·04					28
29		–			1·68								29
30		×		·82		·49			·47		·78		30
31	·05	×	·84	×	·07	×	1·88	·18	×	1·82	×	·49	31
TOTAL	6·91	·39	3·09	6·60	6·19	·96	5·35	2·38	6·13	8·11	4·55	2·01	YEAR'S TOTAL 52·67
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. J. V. Boldy

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Dearden

in the County of Yorkshire (W.R)

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2				·11			–							2
3									·02			–		3
4						–								4
5		2·82	·89								·49			5
6								·13						6
7					1·02									7
8	1·72									·99				8
9				·22			1·08							9
10									–			·18		10
11						·14								11
12		1·24	·18								·23			12
13								·04						13
14					·81									14
15	1·54									3·54				15
16				·05			2·35							16
17									·21			·14		17
18						2·64								18
19		·12	2·03								1·74			19
20								·32						20
21					·08									21
22	·36									·61				22
23				·32			·02							23
24									2·04			·15		24
25						1·05								25
26		Snowed up	–								·13			26
27								·39						27
28		1·04			·14									28
29	–	X								·61				29
30		X		·98		–	·46		·25		·01	~~·30~~		30
31	·55	X	·23	X	–	X	·75	·03	X	·63	X	·30		31
TOTAL	4·17	5·22	3·33	1·68	2·05	3·83	4·66	·91	2·52	6·38	2·60	·77	Year's Total 38·12	
*Days with ·01 in. or more.														
*Days with ·04 in. or more.														

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldy

P.T.O.

Section A for the entry of Daily Observations. **Station No.** 3164

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Dearden

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1				–			–							1
2									·15			·68		2
3						–								3
4		·06	·78								·16			4
5								1·43						5
6					·74									6
7	·87									2·00				7
8				·15			–							8
9									·18			2·16		9
10						·43								10
11		·12	1·38								2·30			11
12								1·28						12
13					·37									13
14	1·05									1·39				14
15				·88			·21							15
16									·25			·64		16
17						·02								17
18		–	1·42								·47			18
19								·24						19
20					2·08									20
21	1·93									·38				21
22				·30			·29							22
23									1·40			·56		23
24						1·07								24
25		·04	·33								·08			25
26								·28						26
27					·29									27
28	·67	·06								2·36				28
29		×		1·53			2·58							29
30		×		–		·42			1·36		·13	1·38		30
31	·16	×	·06	×	–	×	·10	·27	×	·40	×	·11		31
TOTAL	4·68	·28	3·97	2·86	3·48	1·94	3·18	3·50	3·34	6·53	3·14	5·53	Year's Total. 42·43	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) Geo. E. V. Boldy

[P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Dearden

in the County of Yorkshire (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									·32			·48		1
2						·12								2
3		1·10	·16								·38			3
4								–						4
5					–									5
6	·61									1·62				6
7				·62			·72							7
8									·48			1·36		8
9						1·65								9
10		·65	·09								1·14			10
11								–						11
12					–									12
13	·75									3·38				13
14				1·24			·02							14
15									·72			·58		15
16						1·20								16
17		3·55	·16								2·84			17
18								–						18
19					·54									19
20	·09									1·28				20
21				2·14			·76							21
22									3·39			·16		22
23						1·10								23
24		1·35	2·06								1·84			24
25								1·07						25
26					–									26
27	1·22									3·18				27
28		·26		·13			·98							28
29		✗							2·14			·92		29
30		✗		·02		·49			·36		2·02			30
31	·15	✗	·34	✗	–	✗	–	1·29	✗	3·30	✗	·37	W	31
TOTAL	2·82	6·91	2·81	4·15	·54	4·56	2·48	2·36	7·41	12·76	8·22	3·87	Year's Total 58·89	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Geo E V Boldy

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at DEARDEN.

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1			·11								·11			1
2		·08						·43						2
3					–									3
4										·02				4
5				·59			·20							5
6									2·11			1·94		6
7						1·32								7
8			·78								1·37			8
9		·11						·93						9
10					·07									10
11										·15				11
12	1·57			·18			1·72							12
13									2·84			·65		13
14						1·28								14
15			·10								6·04			15
16		·12						·14						16
17					·32									17
18										2·60				18
19	·42			·50			1·28							19
20									·62			1·55		20
21						·39								21
22			·09								1·10			22
23		1·29						·52						23
24					·56									24
25										1·58				25
26	·46			·52			·68							26
27									1·03			·07		27
28						1·42								28
29		1·10	2·16								·26			29
30		✗				·79			-		·16			30
31	1·33	✗	·08	✗	1·11	✗	·80	·02	✗	2·70	✗	·79		31
TOTAL	3·78	2·70	3·32	1·79	2·06	5·20	4·68	2·04	6·60	7·05	9·04	5·00	Year's Total 53·26	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. R. Boldry

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at DEARDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1								–						1
2					–									2
3	1·22									–				3
4				·44			·20							4
5									·16			1·02		5
6						·49								6
7		1·09	·47								·19			7
8								·17						8
9					·63									9
10	2·72									·02				10
11				·77			·60							11
12									·63			·43		12
13						·78								13
14		1·18	·78								·13			14
15								·28						15
16					1·02									16
17	·70									–				17
18				1·20			1·51							18
19									·69			·28		19
20						·26								20
21		1·66	·87								·93			21
22								·37						22
23					·88									23
24	1·25									2·05				24
25				·44			·94							25
26									·17			·21		26
27						·02								27
28		1·28	·42								·77			28
29								·13						29
30		✕		·28	·28	·27			–		·49			30
31	·68	✕	–	✕	–	✕	–	·54	✕	1·41	✕	·19		31
TOTAL	6·57	5·21	2·54	3·13	2·81	1·82	3·25	1·49	1·65	3·48	2·51	2·13	Year's Total 36·59	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at DEARDEN. (No 2A).

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level ~~1203~~ 1244 ft. 1244

W

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1					Tr.									1
2	·07									·94				2
3				·67			·30							3
4									·13			1·27		4
5						1·68								5
6		·35	Tr.								1·55			6
7								1·32						7
8					·07									8
9	1·16									5·56				9
10				·05			2·25							10
11									·35			·76		11
12						·32								12
13		·78	·41								·44			13
14								·36						14
15					·11									15
16	2·84									2·93				16
17							1·20							17
18									·58			·64		18
19						·16								19
20		·02	·10								·87			20
21								1·52						21
22					·29									22
23	·29									·93				23
24				·03			Tr							24
25									·40			·26		25
26						·97								26
27		1·44	·65								3·05			27
28		·17						1·07						28
29		×			3·00									29
30	2·03			Tr		1·47			·84	·81	·20			30
31	·37		·63		·47		·60	Tr.		·60		1·30		31
TOTAL	6·76	2·76	1·79	·75	3·94	4·60	4·35	4·27	2·30	11·77	6·11	4·23	Year's Total 53·63 ✓	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldey

[P.T.O.

Section **A** for the entry of Daily Observations

Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Dearden No 2a

in the County of Yorkshire W. R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 1203 ft.

Weekly

~~[illegible] 10.8~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15									Tr.				1
2				·22			1·01							2
3									·93			2·25		3
4						–								4
5		–	·41								·72			5
6								·92						6
7					·40									7
8	·99									1·38				8
9				·68			1·97							9
10									·64			2·83		10
11						·63								11
12		2·12	·99								·97			12
13								·73						13
14					·52									14
15	1·62									1·05				15
16				1·05			·75							16
17									·04			·04		17
18						1·34								18
19		·72	·27								1·49			19
20								·29						20
21					1·63									21
22	1·81									·55				22
23				·79			1·44							23
24									·64			·06		24
25						·86								25
26		1·83	1·03								4·25			26
27								·15						27
28					Tr									28
29	·24	·61								·92				29
30		✕		·36		·43	2·21		–		2·49			30
31	–	✕	·94	✕	–	✕	·65	Tr	✕	·19	✕	·15	Year's Total	31
TOTAL	4·81	5·28	3·64	3·10	2·55	3·26	8·03	2·09	2·25	4·09	9·92	5·33	54·35	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

(*Signed*) Geo. C. V. Boldey

* See Instruction 3 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE

Section C **A** for the entry of Daily Observations

Station No. 3164

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Dearden No 2A

in the County of Yorkshire W.R

Diameter of Funnel of Gauge ~~5~~ in. 8

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level ~~1205~~ ft. 1244

Jan. adj. for snow.

Weekly

1400 E 10. S

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									·01			·27		1
2						Tr								2
3			·01								1·02			3
4		·26						Tr						4
5					·08									5
6										2·16				6
7	·17			·97			·23							7
8									·21			1·47		8
9						–								9
10			·23								2·83			10
11		·64						·90						11
12					·15									12
13										·84				13
14	Tr			·66			1·36							14
15									1·94			1·44		15
16						·01								16
17			1·90								3·92			17
18		·22						·40						18
19					·09									19
20										·90				20
21	·02			·92			3·18							21
22									2·66			·42		22
23						·64								23
24			1·19								1·75			24
25		·59						·73						25
26					·34									26
27	(2·65)									·30				27
28	·72			·14			·21							28
29		·5·9							·17			·70		29
30		✕		·63		·15			–		·17		W	30
31	·08	✕	·54	✕	·28	✕	·01	·18	✕	1·21	✕	·72		31
TOTAL	~~2·84~~ ~~1·00~~	2·30	3·87	3·32	·94	·80	4·99	2·21	4·99	5·41	9·69	5·02	Year's Total ~~44·54~~	~~46·38~~ 46·74
* Days with .01 in. or more.	(3·20)													
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. V. Bolday

[P.T.O.

X DUNFORD BRIDGE (GR

FORM 1090. **B** ion.

3164/1

3164/1

DUNFORD BRIDGE

LITTLE GRAINS PLANTATION
N°2

1938 - 1940

780601

. The following register of r ection and also the space for
&c., is NOT required if c
values are given on the c o this register should be sent:—

Office

RAINFALL IN

At LITTLE GRAINS P 9 am in Summer 10 am

In the County of YORKS

Distance 2040 yds. Direction from gauge E 15° S.

Distance.................. Direction from gauge...........

Rain Gauge
- Diameter of Funnel.........
- *Height of Top above Ground* 1 *ft.*............*in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·15				
FEB.	2·90				
MAR.	1·90				
APRIL	·60				
MAY	4·15				
JUNE	4·85				
JULY	4·85				
AUG.	4·50				
SEPT.	2·60				
OCT.	12·55				
NOV.	6·30				
DEC.	5·25				
TOTAL	57·60 ✓	✓			

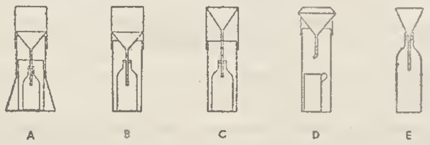
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print ✓

CP 9/3

f 899528/29

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ. C.E. X

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

X DUNFORD BRIDGE (G

FORM 1090. **B** ion.

3164/1

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.8.

(No 2)
At LITTLE GRAINS PLANTATION
In the County of YORKSHIRE
Rain Gauge Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. in.
Height of Ground above Sea Level 1150 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·15				
FEB.	2·90				
MAR.	1·90				
APRIL	·60				
MAY	4·15				
JUNE	4·85				
JULY	4·85				
AUG.	4·50				
SEPT.	2·60				
OCT.	12·55				
NOV.	6·30				
DEC.	5·25.				
TOTAL	57·60 ✓	✓			

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ. C.E. X

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Water Engineers Office
Dewsbury.

Hour of observation by the clock—in Winter 9 am in Summer 10 am
Nearest Railway Station .... Distance 2040 yds Direction from gauge E 15° S.
Nearest Parish Church at .... Distance .... Direction from gauge ....

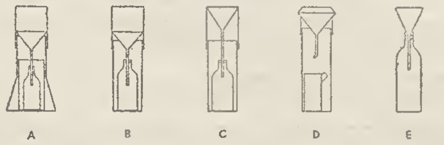
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Punt
CP 9/3

f 899578/29

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

N

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

Grains Plantation

At Little Grains Plantation No 2

In the County of Yorkshire W. R.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·65				
FEB.	5·95				
MAR.	4·15				
APRIL	3·00				
MAY	2·35				
JUNE	3·10				
JULY	8·05				
AUG.	2·15				
SEPT.	2·45				
OCT.	4·15				
NOV.	9·85				
DEC.	5·50				
TOTAL	57·35				

Signature Geo. E. V. Boldry

* See Instruction 3 *(f)* below.

C Particulars of Station. No 3164/1

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Dunford Bridge Distance 2070 yds Direction from gauge E 15 S

Nearest Parish Church at Distance Direction from gauge

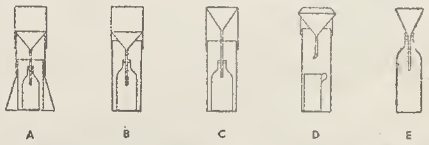
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~Monthly~~

M.O. 7
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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316411

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Little Grains Plantation No 2

In the County of Yorkshire W R

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
(3.30) JAN.	Not taken owing to Big Snow				
FEB.	(2.55) ~~5.55~~				
MAR.	4.40				
APRIL	4.0				
MAY	·55				
JUNE	·75				
JULY	4.85				
AUG.	2.25				
SEPT.	5.15				
OCT.	5.60				
NOV.	10.10				
DEC.	6.00				
TOTAL	~~49.20~~	49.50			

Signature Geo. E. V. Bolduy

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Dewsbury + Heckmondwike Waterworks Board
Engineer's Office 10 Church St. Dewsbury

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station Dunford Bridge Distance 2070 Direction from gauge E 15 S

Nearest Parish Church at................. Distance................. Direction from gauge.................

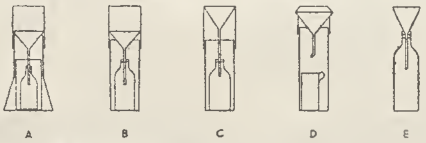
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan. and Feb. estimated by ref. to nearby stns.

M. O
6 FEB 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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X DUNFORD BRIDGE (SWINER

FORM 1090.

B M
S

3164/1/2

3164/1/2

DUNFORD BRIDGE
SWINER CLOUGH N^o^3

1938 - 1940

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ion and also the space for

*** The following register of mo
&c., is NOT required if da
values are given on the oth

this register should be sent :—

ce ....

RAINFALL IN 19

At § SWINER CLOUGH (No

In the County of ....YORKSHI

Rain Gauge
- Diameter of Funnel.........
- *Height of Top above Ground....*
- *Height of Ground above Sea Level....1503....ft.*

.... ~~in Summer~~ ...... G.M.T

ance...36 yards... Direction from gauge ...E 11° S.

tance................ Direction from gauge...........

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·10				
FEB.	3·40				
MAR.	2·55				
APRIL	·90				
MAY	5·10				
JUNE	5·50				
JULY	4·90				
AUG.	5·55				
SEPT.	2·95				
OCT.	13·75				
NOV.	6·75				
DEC.	6·40				
TOTAL	67·15 ✓	✓ M'			

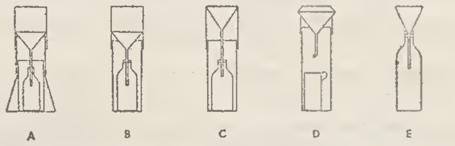
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Prnt

ck 9/3

8899578/29

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ. C.E. X

§ Turf wall round gauge (B.R. footnote)

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

N

X DUNFORD BRIDGE (SWINER

3164/1/2

FORM 1090.

B Monthly Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At § SWINER CLOUGH. (No 3)

In the County of YORKSHIRE

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1503 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·10				
FEB.	3·70				
MAR.	2·55				
APRIL	·90				
MAY	5·10				
JUNE	5·50				
JULY	4·90				
AUG.	5·55				
SEPT.	2·95				
OCT.	13·75				
NOV.	6·75				
DEC.	6·40				
TOTAL	67·15	✓ M'			

Signature Geo. E. V. Boldry

X G. E. V. BOLDRY ESQ. C.E. X

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Water Engineers Office
Dewsbury

Hour of observation by the clock ~~in Winter~~ 9am ~~in Summer~~ G.M.T.

Nearest Railway Station Dunford Bridge Distance 3600 yds Direction from gauge E 11° S.

Nearest Parish Church at .... Distance .... Direction from gauge ....

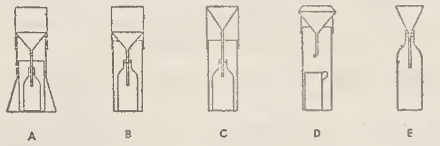
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print

ck 9/3

88995781/39

§ Turf wall round gauge (B.R. footnote)

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91

N

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Swinet Clough no 2.

In the County of Yorkshire W. R.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 1503 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·35				
FEB.	6·60				
MAR.	4·55				
APRIL	3·60				
MAY	2·45				
JUNE	3·45				
JULY	9·45				
AUG.	2·20				
SEPT.	2·55				
OCT.	3·95				
NOV.	10·75				
DEC.	6·50				
TOTAL	65·40				

Signature Geo. E. V. Boldry

* See Instruction 3 (*f*) below.

C Particulars of Station. no. 3164/1/2.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station Denford Bridge Distance 3600 yds Direction from gauge E. 11. S

Nearest Parish Church at Distance Direction from gauge

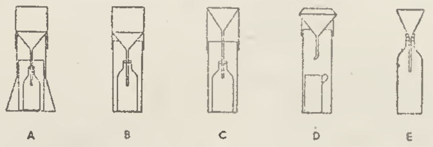
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~Monthly~~

M.O. 7
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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3164/1/2

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 19~~38~~ 40

At Swinet Clough No 3

In the County of Yorkshire W.R.

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1503 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
		Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	([illegible]·80) Not taken owing to Big Snow				
FEB.	(3·90) ~~8·70~~				
MAR.	5·60				
APRIL	4·95				
MAY	·85				
JUNE	·80				
JULY	5·55				
AUG.	2·95				
SEPT.	6·00				
OCT.	6·00				
NOV.	10·50				
DEC.	7·10				
TOTAL	58·00 ~~59·00~~				

Signature Geo. E. V. Boldy

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Dewsbury & Heckmondwike Waterworks Board
Engineer's Office 10 Church St Dewsbury

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Dunford Bridge Distance 3600 Direction from gauge E.11.S

Nearest Parish Church at .... Distance .... Direction from gauge ....

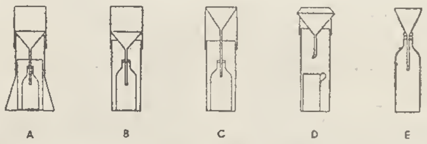
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



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....

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan & Feb estimated by ref. to nearby stns.
Readings 1" too big anyway

6 FEB 1941
B. R.

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Wt. 2778/2036 21,000 10/38 W.H.&S. 668/91 S.O. Code No. 40-9999

3165

Section **A** for the entry of … COPY FOR OFFICIAL USE.
AIR MINISTRY … LL ORGANIZATION.

FORM 1090.

REGIST … / .

—

3165

HARDEN N°6^A

1931 —— 40

780601

Kept at Harden

in the County of Yorksh

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEAS… …Y.

An observer who does not conform to … e following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		–	–							–	–		1
2								–					2
3					·03								3
4										·25			4
5			~~1·70~~	1·70			·41						5
6									5·63			1·40	6
7						2·40							7
8		·74	·04								1·61		8
9								2·83					9
10					·31								10
11	·50									1·13			11
12			~~·24~~	·24			2·16						12
13									·55			·15	13
14						1·19							14
15		2·70	·26								1·54		15
16								2·43					16
17					·49								17
18	1·40									·18			18
19			~~1·50~~	1·50			1·63						19
20									·32			·09	20
21						1·38							21
22		1·20	·04								1·05		22
23								2·56					23
24					1·36								24
25	1·72									·06			25
26			~~1·76~~	1·76			·54						26
27									·03			·60	27
28		~~1·74~~				·25							28
29		1·74	–								1·78		29
30		×		·16		–		–	–				30
31	1·85	×	–	×	·75	×	·85	–	×	·94	×	·41	31
TOTAL	5·47	6·38	·34	5·35	2·94	5·22	5·59	7·82	6·53	2·56	5·98	2·35	YEAR'S TOTAL 56·53
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldy

P.T.O.

3165

Section **A** for the entry of COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Harden

in the County of Yorkshire

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		–	–							–	–		1
2								–					2
3					·03								3
4										·25			4
5			~~1·70~~	1·70			·41						5
6									5·63			1·40	6
7						2·40							7
8		·74	·04								1·61		8
9								2·83					9
10					·31								10
11	·50									1·13			11
12			~~·24~~	·24			2·16						12
13									·55			·15	13
14						1·19							14
15		2·70	·26								1·54		15
16								2·43					16
17					·49								17
18	1·40									·18			18
19			~~1·50~~	1·50			1·63						19
20									·32			·09	20
21						1·38							21
22		1·20	·04								1·05		22
23								2·56					23
24					1·36								24
25	1·72									·06			25
26			~~1·76~~	1·76			·54						26
27									·03			·60	27
28		~~1·74~~				·25							28
29		1·74	–								1·78		29
30		×		·16		–		–	–				30
31	1·85	×	–	×	·75	×	·85	–	×	·94	×	·41	31
TOTAL	5·47	6·38	·34	5·35	2·94	5·22	5·59	7·82	6·53	2·56	5·98	2·35	YEAR'S TOTAL 56·53
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldy

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Harden

in the County of Yorkshire WR

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

" Ground " Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·70								1
2										·59			2
3	1·84			·25			·55						3
4									3·25			·87	4
5						·07							5
6			·40								·57		6
7		·08						·11					7
8					·78								8
9										·92			9
10	2·80			2·90			·07						10
11									1·92			·19	11
12						·19							12
13			·97								·25		13
14		·24						·06					14
15					1·10								15
16										2·48			16
17	1·30			·57			2·67						17
18									·35			·32	18
19						–							19
20			·02								·49		20
21		–						2·84					21
22					2·05								22
23										2·44			23
24	·03			·99			·49						24
25									·43			·38	25
26						·02							26
27			·69								3·11		27
28		·12						·04					28
29		–			1·88								29
30		×		·77		·40			·46		·78		30
31	·03	×	·93	×	·07	×	2·07	·17	×	2·22	×	·60	31
TOTAL	6·00	·44	3·01	5·48	6·58	·68	5·85	3·22	6·41	8·65	5·20	2·36	YEAR'S TOTAL 53·88
*Days with ·01 in. or more.													
*Days with .04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side

(*Signed*) Geo. E. V. Boldey

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Harden
in the County of Yorkshire (W.R.)
Diameter of Funnel of Gauge.................in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2				·12			–							2
3									·01			–		3
4						–								4
5		2·84	1·00								·26			5
6								·08						6
7					1·27									7
8	1·72									1·15				8
9				·17			1·34							9
10									–			·20		10
11						·18								11
12		1·35	·18								·25			12
13								·03						13
14					·67									14
15	1·64									3·63				15
16				·07			1·80							16
17									·21			·13		17
18						2·70								18
19		·16	2·21								2·03			19
20								·34						20
21					·07									21
22	·43									·52				22
23				·23			·01							23
24									2·20			·12		24
25		Snowed up.				1·18								25
26			–								·17			26
27								·33						27
28		1·05			·12									28
29	–	X								·59				29
30		X		1·07		–	·51		·41		·01			30
31	·54	X	·19	X	–	X	·69	·04	X	·47	X	·32		31
TOTAL	4·33	5·40	3·58	1·66	2·13	4·06	4·35	·82	2·83	6·36	2·72	·77	Year's Total 39·01	
*Days with ·01 in. or more.														
*Days with ·04 in. or more.														

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldry

[P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Harden

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..................ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1				–			–							1
2									·15			·76		2
3						–								3
4		·05	·77								·17			4
5								1·47						5
6					1·14									6
7	·90									2·50				7
8				·20			–							8
9									·18			2·54		9
10						·43								10
11		·09	1·45								2·35			11
12								1·18						12
13					·37									13
14	1·15									1·30				14
15				1·03			·19							15
16									·21			·80		16
17						·02								17
18		–	1·53								·55			18
19														19
20					1·97			·28						20
21	2·16									·45				21
22				·35			·23							22
23									1·49			·54		23
24						1·10								24
25		·04	·39								·06			25
26								·36						26
27					·19									27
28	·45	·05								2·40				28
29		×		1·81			2·32							29
30		×		–		·44			1·45		·12	1·66		30
31	·13	×	·08	×	–	×	·14	·26	×	·46	×	·12		31
TOTAL	4·79	·23	4·22	3·39	3·67	1·99	2·88	3·55	3·48	7·11	3·25	6·42	Year's Total. 44·98	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Geo. B. V. Boldy

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Section **A** for the entry of Daily Observations. Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Harden

in the County of Yorkshire (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									·30			·47		1
2						·12								2
3		1·03	·16								·54			3
4								–						4
5					–									5
6	·55									1·69				6
7				·47			·78							7
8									·45			1·09		8
9						1·78								9
10		·57	·10								1·25			10
11								–						11
12					–									12
13	·81									3·43				13
14				1·60			·02							14
15									·80			·61		15
16						1·38								16
17		4·80	·15								3·20			17
18								–						18
19					·61									19
20	·14									1·57				20
21				2·20			·80							21
22									3·73			·13		22
23						1·25								23
24		2·01	1·83								2·00			24
25								·96						25
26					–									26
27	1·04									2·60				27
28		·26		·12			·87							28
29		✕							2·26			1·09		29
30		✕		·02		·50			·51		2·56			30
31	·07	✕	·28	✕	–	✕	–	1·56	✕	3·45	✕	·36	W	31
TOTAL	2·61	8·67	2·52	4·41	·61	5·03	2·47	2·52	8·05	12·74	9·55	3·75	Year's Total 62·93	
* Days with ·01 in. or more.														
* Days with ·04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. B. V. Boldey

P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at HARDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1			·12								·11			1
2		·09						·42						2
3					-									3
4										·02				4
5				·72			·23							5
6									1·87			1·61		6
7						1·34								7
8			·82								1·23			8
9		·11						·95						9
10					·07									10
11										·16				11
12	1·57			·26			1·56							12
13									2·46			·78		13
14						1·36								14
15			·11								5·53			15
16		·11						·14						16
17					·38									17
18										2·25				18
19	·51			·51			1·09							19
20									·57			1·32		20
21						·40								21
22			·09								·94			22
23		1·40						·42						23
24					·62									24
25										1·38				25
26	·37			·52			·76							26
27									·86			·10		27
28						1·29								28
29		1·28	2·48								·21			29
30		×		-		·78			-		·13			30
31	1·32	×	·08	×	·78	×	·73	·02	×	2·45	×	·80		31
TOTAL	3·77	2·99	3·70	2·01	1·85	5·17	4·37	1·95	5·76	6·26	8·15	4·61	Year's Total 50·59	
* Days with ·01 in. or more.														
* Days with ·04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. W. Bolder

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1931

Kept at HARDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1								-						1
2					-									2
3	1·17									-				3
4				·48			·06							4
5									·20			1·02		5
6						·45								6
7		1·26	·65								·24			7
8								·16						8
9					·69									9
10	2·51									·03				10
11				·77			·64							11
12									·73			·95		12
13						·93								13
14		1·30	·98								·14			14
15								·28						15
16					1·30									16
17	·72									-				17
18				·94			1·45							18
19									·70			·50		19
20						·28								20
21		1·54	1·04								1·22			21
22								·34						22
23					·90									23
24	1·65									2·31				24
25				·33			·85							25
26									·16			·24		26
27						·02								27
28		1·65	·37								·77			28
29		×						·16						29
30		×		·25	·31	·32			-		·44			30
31	·76	×	-	×	-	×	-	·53	×	1·55	×	·23		31
TOTAL	6·81	5·75	3·04	2·77	3·20	2·00	3·00	1·47	1·79	3·89	2·81	2·94	Year's Total 39·47	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo E V Boldey

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at HARDEN (No 6A).

in the County of YORKSHIRE.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. – in.

,, Ground ,, Sea Level ~~1204~~ 1300 ft. 1300

W

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1					Tr									1
2	·08									·92				2
3				·54			·69							3
4									·09			1·14		4
5						1·64								5
6		·26	tr								1·36			6
7								2·14						7
8					·05									8
9	1·18													9
10				·04			1·96							10
11									·42			·95		11
12						·32								12
13		·75	·26								·55			13
14								·34						14
15					·18									15
16	3·10									2·94				16
17							1·09							17
18									·64			·78		18
19						·19								19
20		·04	·11								·96			20
21								1·48						21
22					·39									22
23	·26									·90				23
24				·07			·01							24
25									·38			·33		25
26						·96								26
27		1·31	·50								3·21			27
28		·15						1·15						28
29		×			2·46									29
30	1·94	×		tr		1·60			·96	·76	·24			30
31	·35	×	·41	×	·43	×	·68	tr.	×	·68	×	1·35		31
TOTAL	6·94	2·51	1·28	·60	3·81	4·71	4·43	5·14	2·49	11·93	6·32	4·55	Year's Total 54·71	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. V. Boldry

[P.T.O.

Section **A** for the entry of Daily Observations

Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Harden No 6a

in the County of Yorkshire W.R

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. – in.

,, Ground ,, Sea Level 1200 ft.

~~Weekly~~

700.

~~1610 E 578.~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·16									·01				1
2				·23			1·17							2
3									1·16			1·78		3
4						–								4
5		–	·52								·83			5
6								·73						6
7					·35									7
8	1·40									1·37				8
9				·72			2·13							9
10									·55			2·53		10
11						·62								11
12		1·88	·72								·98			12
13								·74						13
14					·50									14
15	1·92									1·14				15
16				·79			·71							16
17									·05			·05		17
18						1·32								18
19		·64	·25								1·42			19
20								·27						20
21					1·70									21
22	1·80									·60				22
23				·58			1·53							23
24									·72			·05		24
25						·86								25
26		1·90	·86								3·88			26
27								·19						27
28					Tr									28
29	·38	·69								·85				29
30		✕		·28		·50	2·06		–		2·12			30
31	–	✕	1·04	✕	–	✕	·54	Tr	✕	·16	✕	·20		31
TOTAL	5·66	5·11	3·39	2·60	2·55	3·30	8·14	1·93	2·48	4·13	9·23	4·61	Year's Total 53·13	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Baldry

P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3165

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Harden No 6A

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5 in. 8?

Height of top of Gauge above Ground 2 ft. – in.

,, Ground ,, Sea Level ~~1204~~ 1300 ft.

Jan. adj. for snow

Weekly

1610 E.57.S

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1									·01			·18		1
2						Tr								2
3			·01								1·16			3
4		·23						Tr						4
5					·07									5
6										2·31				6
7	·23			·82			·21							7
8												1·22		8
9						–								9
10			·22								2·57			10
11		·59						·95						11
12					·13									12
13										1·01				13
14	Tr			·60			1·51							14
15												1·29		15
16						·04								16
17			2·12								3·78			17
18		·30						·26						18
19					·10									19
20										·97				20
21	·20			1·10			2·96							21
22												·42		22
23						·64								23
24			1·14								1·81			24
25		·57						·50						25
26					·35									26
27	(2·85)									·32				27
28	nil			·11			·14							28
29		·65										·49		29
30		✕		·66		·14					·17			30
31	·08	✕	·54	✕	·32	✕	Tr	·12	✕	1·21	✕	·58	“W	31
TOTAL	3·28 ~~1·67~~	2·34	4·03	3·29	·97	·82	4·82	1·83	4·79	5·82	9·49	4·18	Year's Total ~~44·05~~	45·66
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Geo. E. Boldry

[P.T.O.

X / DUNFORD BRIDGE (HA

Section **A** for the entr
AIR MINI

Station No. 3165/1
NFALL ORGANIZATION

FORM 1090

REC 1938.

Kept at § HARDEN
in the County of YOR
Diameter of Funnel of Gauge..
Height of top of Gauge above
,, Ground ,,

THE MORNING MEAS OUS DAY

An observer who does not confo f the following year in the space on the right o

Jan. 1, following

3165|1
DUNFORD BRIDGE
HARDEN N°6
1938 – 1940

78.06.01

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	12	tr	tr	tr	1.30	·38	·04	·	10	50	39		1
2	09	19	–	68	14	35	tr	tr	·	1.15	05	14		2
3	06	tr	tr	tr	·	02	28	·	10	2.56	32	02		3
4	13	tr	01	04	·	09	24	84	tr	·58	42	68		4
5	·	03	·	04	·	02	08	09	03	1.25	05	08		5
6	21	03	tr	·	·	05	40	1.18	04	40	tr	03		6
7	31	01	·	·	·	·	24	03	36	19	·	01		7
8	~~32~~	tr	·	·	·	·	43	tr	~~1.08~~	1.08	·	·16		8
9	28	66	35	·	tr	21	12	09	tr	09	–	52		9
10	01	06	02	·	·	11	58	tr	tr	48	tr	09		10
11	23	08	tr	·	·	tr	18	tr	01	24	11	04		11
12	24	tr	·	·	15	tr	tr	24	01	1.59	18	01		12
13	09	04	·	·	tr	tr	tr	02	32	49	28	20		13
14	45	03	·	·	02	tr	24	·	33	03	tr	tr		14
15	1.22	tr	tr	·	tr	·	24	33	·	11	tr	48		15
16	86	·	14	·	02	·	34	38	·	12	10	13		16
17	·	02	·	·	28	·	15	24	02	21	04	02		17
18	10	tr	·	·	15	20	·	60	04	45	53	tr		18
19	01	02	·	·	tr	tr	·	14	10	tr	tr	16		19
20	16	·	tr	·	·	·	·	tr	05	·	32	11		20
21	01	·	03	·	·	04	·	05	01	·	04	25		21
22	tr	01	·	02	·	28	·	tr	tr	·	44	14		22
23	tr	·	·	01	22	32	·	·	22	tr	98	tr		23
24	10	tr	39	·	05	29	01	34	09	tr	34	tr		24
25	42	35	09	·	·	06	04	01	·	43	45	06		25
26	16	63	16	tr	tr	25	tr	·	21	29	11	05		26
27	45	43	tr	·	1.04	56	38	40	11	tr	64	·		27
28	64	18	·22	tr	41	65	15	43	18	01	tr	04		28
29	15	x	44	tr	1.34	20	13	tr	tr	11	15	28		29
30	42	✕	tr	·	08	10	tr	·	52	tr	08	10		30
31	36	✕	01	✕	38	✕	·	·	✕	69	✕	1.11		31
TOTAL	4.51	2.92	1.86	·49	4.28	5.10	4.43	5.51	2.45	12.95	6.82	5.39	Year's Total 60.61	
* Days with .01 in. or more.	26	14	11	5	13	19	19	18	19	23	21	26	214.	
* Days with .04 in. or more.	23	10	7	3	11	17	18	15	14	21	21	21	181.	

Punched GB 9/3

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldry

P.T.O.

B Turf wall round gauge N (B R Estimate) X G.E.V. BOLDRY ESQ C.E. X

× DUNFORD BRIDGE (H

Section **A** for the entry of Daily Observations

Station No. 3165/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at § HARDEN (No 6)

in the County of YORKSHIRE.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1200 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	12	Tr	Tr	Tr	1·30	·38	·04	·	10	50	39		1
2	09	19	–	68	14	35	Tr	Tr	·	1·15	05	17		2
3	06	Tr	Tr	Tr	·	02	28	·	10	2·56	32	02		3
4	13	Tr	01	04	·	09	27	84	Tr	·58	72	68		4
5	·	03	·	04	·	02	08	09	03	1·25	05	08		5
6	21	03	Tr	·	·	05	40	1·18	04	40	Tr	03		6
7	31	01	·	·	·	·	24	03	36	19	·	01		7
8	~~32~~	Tr	·	·	·	·	43	Tr	~~1·08~~	1·08	·	·16		8
9	28	66	35	·	Tr	21	12	09	Tr	09	–	52		9
10	01	06	02	·	·	11	58	Tr	Tr	48	Tr	09		10
11	23	08	Tr	·	·	Tr	18	Tr	01	24	11	07		11
12	27	Tr	·	·	15	Tr	Tr	27	01	1·59	18	01		12
13	09	07	·	·	Tr	Tr	Tr	02	32	49	28	20		13
14	45	03	·	·	02	Tr	27	·	33	03	Tr	Tr		14
15	1·22	Tr	Tr	·	Tr	·	24	33	·	11	Tr	48		15
16	86	·	14	·	02	·	37	38	·	12	10	13		16
17	·	02	·	·	28	·	15	24	02	21	04	02		17
18	10	Tr	·	·	15	20	·	60	04	75	53	Tr		18
19	01	02	·	·	Tr	Tr	·	17	10	Tr	Tr	16		19
20	16	·	Tr	·	·	·	·	Tr	05	·	32	11		20
21	01	·	03	·	·	04	·	05	01	·	07	25		21
22	Tr	01	·	02	·	28	·	Tr	Tr	·	47	14		22
23	Tr	·	·	01	22	32	·	·	22	Tr	98	Tr		23
24	10	Tr	39	·	05	29	01	34	09	Tr	37	Tr		24
25	42	35	09	·	·	06	07	01	·	43	75	06		25
26	16	63	16	Tr	Tr	25	Tr	·	21	29	11	05		26
27	45	43	Tr	·	1·04	56	38	40	11	Tr	64	·		27
28	64	18	·22	Tr	41	65	15	43	18	01	Tr	07		28
29	15	x	44	Tr	1·34	20	13	Tr	Tr	11	15	28		29
30	42	×	Tr	·	08	10	Tr	·	52	Tr	08	10		30
31	36	×	01	×	38	×	·	·	×	69	×	1·11		31
TOTAL	7·51	2·92	1·86	·79	4·28	5·10	4·73	5·51	2·75	12·95	6·82	5·39	Year's Total 60·61	
* Days with .01 in. or more.	26	14	11	5	13	19	19	18	19	23	21	26	217.	
* Days with .04 in. or more.	23	10	7	3	11	17	18	15	14	21	21	21	181.	

9/3

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E.V. Boldry

P.T.O.

§ Turf wall round gauge N (B.R. [illegible]) × G.E.V. BOLDRY ESQ C.E. ×

Section **A** for the entry of Daily Observations

Station No. 365/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Harden No 6
in the County of Yorkshire W. R.
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 1204 ft.

~~Daily~~

[illegible]

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	–	·33	·06	Tr	–	·31	·04	·01	·01	Tr	·95		1
2	·10	–	·01	·17	Tr	–	·88	·26	1·10	·05	·10	·12		2
3	·16	–	Tr	·24	–	–	Tr	·30	·03	·01	·17	1·09		3
4	·31	–	·21	·60	Tr	–	·27	·08	Tr	·16	·06	1·63		4
5	–	–	·01	Tr	·27	–	·14	·04	Tr	1·00	·53	·10		5
6	·55	·10	·05	–	·01	–	·55	Tr	–	·05	·27	–		6
7	·32	·44	·44	–	·09	–	·08	Tr	–	·03	·49	·18		7
8	·45	·28	·40	Tr	–	–	1·09	·01	–	·03	·17	·37		8
9	·20	·84	Tr	–	–	–	·02	·31	Tr	·56	·06	·69		9
10	·58	·05	·01	–	–	·13	Tr	·46	·56	·03	Tr	Tr		10
11	·31	·05	·16	–	·01	·50	–	·02	Tr	·01	·01	·05		11
12	·38	·41	Tr	–	Tr	·17	Tr	–	Tr	Tr	Tr	·01		12
13	·02	–	·03	·20	·09	·10	Tr	–	·02	·14	·05	Tr		13
14	·75	Tr	·05	·11	·44	·17	·21	–	Tr	·40	·06	Tr.		14
15	·31	·06	·01	·66	·35	·62	·13	–	·01	·01	·08	Tr		15
16	·08	Tr	·12	Tr	1·32	Tr	·33	Tr	Tr	–	·06	·01		16
17	·81	·43	·04	·22	·20	·02	·12	–	·06	·56	·06	Tr		17
18	·38	·25	·05	–	Tr	·32	·24	–	·06	·01	1·15	–		18
19	·30	–	Tr	–	Tr	·04	·27	·01	·16	·01	Tr	·05		19
20	·01	–	Tr	–	Tr	·39	·56	·29	·33	–	–	·01		20
21	·09	·16	·64	·26	·03	·24	·01	·01	·23	Tr	–	–		21
22	·28	·58	·25	·01	Tr	Tr	·03	Tr	·08	·01	·72	Tr		22
23	·02	·86	·03	·21	–	·12	·32	Tr	Tr	·35	·24	·01		23
24	·02	·14	·02	·14	Tr	·06	Tr	·02	–	·02	·01	Tr		24
25	·42	·48	·05	Tr	–	·08	Tr	·17	–	–	2·52	·04		25
26	·12	·13	·02	Tr	Tr	–	Tr	–	–	·08	·68	·13		26
27	·11	·52	·85	·06	–	·15	·02	Tr	–	·10	·50	·05		27
28	·01	·16	·64	·13	–	·31	·45	Tr	–	Tr	·65	–		28
29	–	×	·02	·01	–	–	1·48	Tr	–	·31	·71	–		29
30	–	×	Tr	Tr	–	·08	·18	–	–	Tr	·36	–		30
31	–	×	Tr	×	–	×	·55	Tr	×	·19	×	–		31
													Year's Total	
TOTAL	7·29	5·94	4·44	3·08	2·81	3·50	8·24	2·02	2·65	4·13	9·71	5·49	59·30	✓
* Days with .01 in. or more.	27	18	24	15	10	17	23	14	12	24	24	17	225	✓
* Days with .04 in. or more.	22	18	15	13	7	16	19	9	8	13	22	13	175	✓

† Spare column, no entries required.

(*Signed*) Geo V. Boldy

* See Instruction 3 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3165/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940 .

Kept at Harden No 6

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 1204 ft.

Daily

1610 - E. 57.5

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	·18	TR	·24	Tr	Tr	Tr	—	·01	—	·53	·24		1
2	-	·02	·01	·24	Tr	—	·16	Tr	—	Tr	·57	·12		2
3	·09	·38	TR	·11	—	—	·05	—	·01	·17	·05	·11		3
4	—	·07	TR	·18	-	-	·05	-	Tr	·29	·29	·31		4
5	-	TR	-	-	·07	-	·03	Tr	Tr	·63	·24	·70		5
6	·08	·25	-	TR	-	-	TR	-	-	1·20	·20	·19		6
7	·09	·20	-	·17	·15	-	Tr	·20	·20	·03	Tr	Tr		7
8	TR	·01	TR	·06	TR	—	·01	·09	Tr	·24	Tr	·21		8
9	-	TR	·23	TR	-	-	·27	·29	·26	·72	·98	·24		9
10	-	-	·04	-	-	-	·35	·41	·12	·06	1·06	·89		10
11	-	·18	·09	08	-	·01	·07	-	-	-	1·75	Tr		11
12	-	·02	·88	—	-	Tr	·04	Tr	·79	Tr	·83	-		12
13	-	·05	·55	TR	-	-	Tr	·08	·62	Tr	·04	-		13
14	-	·02	·06	·54	·10	—	·66	·11	·04	·04	·08	·49		14
15	-	-	·13	·17	·02	·05	-	-	Tr	·03	·24	·10		15
16	·16	·12	·06	·06	-	Tr	·66	Tr	1·34	·75	·54	·09		16
17	-	·01	·68	TR	-	-	·94	Tr	·48	·01	·43	Tr		17
18	·10	·21	·25	·82	-	-	·11	·15	·29	·03	·06	·34		18
19	TR	·17	·64	·14	-	Tr	·49	·01	·35	·10	·25	·04		19
20	-	·01	·19	·34	-	·04	·67	·51	·05	·11	·20	·01		20
21	·14	-	·23	·02	—	·38	·10	·02	Tr	·09	1·17	-		21
22	TR	·10	·01	TR	·13	·18	Tr	·03	·19	·04	Tr	·05		22
23	-	·44	·14	·05	·04	·10	·03	Tr	·14	·14	·23	·05		23
24	·72	Tr	Tr	·03	·04	—	·03	Tr	·04	·03	Tr	·11		24
25	·07	-	Tr	Tr	Tr	·07	Tr	-	-	·08	Tr	·02		25
26	·84	·10	—	·02	·18	Tr	Tr	Tr	·02	·01	·12	Tr		26
27	·72	·21	Tr	·01	Tr	-	·10	·04	·02	Tr	·07	Tr		27
28	·67	·63	TR	·02	·14	-	—	·09	-	-	-	·03		28
29	TR	-	·19	·09	·37	·10	·01	—	·03	·01	—	·46		29
30	·12	✕	TR	·61	Tr	—	Tr	-	-	·39	Tr	·52		30
31	·23	✕	·39	✕	Tr	✕	—	·05	✕	·82	✕	·48		31
													Year's Total	
TOTAL	4·03	3·38	4·77	4·00	1·24	·93	4·83	2·08	5·00	6·02	9·93	5·80	52·01	
* Days with .01 in. or more.	13	21	18	21	10	8	20	14	19	24	22	23	213	
* Days with .04 in. or more.	13	15	16	16	9	7	15	11	14	17	22	20	175	

265

† Spare column, no entries required

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. Boldey

[P.T.O.

X DUNFORD BRIDGE (

FORM 1090.

B

ation.

3165/2

3165/2

DUNFORD BRIDGE
REAPS SLACK No 8

1938 - 1940

780601

, The following register o
&c., is NOT required
values are given on th

section and also the space for

g to this register should be sent:—
Office

RAINFALL IN

9am GMT in Summer

At Reaps Slack (

In the County of York

Distance 3360 yds Direction from gauge E 24° S.

Distance Direction from gauge

Rain Gauge
Diameter of Funnel
Height of Top above Ground
Height of Ground above Sea Level 1490 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·35				
FEB.	3·40				
MAR.	2·45				
APRIL	·85				
MAY	4·75				
JUNE	5·65				
JULY	5·25				
AUG.	5·10				
SEPT.	3·00				
OCT.	15·35				
NOV.	7·25				
DEC.	6·15				
TOTAL	67·85 ✓	✓			

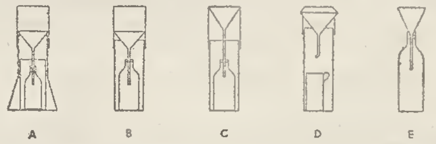
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature Geo. E. V. Boldey

X G. E. V. BORDAY ESQ C.E. X

Printed
GB
8/3

f 89951829

Turf wall round gauge

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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14

X DUNFORD BRIDGE

3165/2

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At REAPS SLACK (No8)

In the County of YORKSHIRE

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 1490 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·35				
FEB.	3·40				
MAR.	2·45				
APRIL	·85				
MAY	4·75				
JUNE	5·65				
JULY	5·25				
AUG.	5·10				
SEPT.	3·00				
OCT.	15·35				
NOV.	7·25				
DEC.	6·15				
TOTAL	64·85 ✓	✓			

Signature Geo. E. V. Boldry

X GEO. V. BOLDRY ESQ C.E. X

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Water Engineers Office
Dewsbury

Hour of observation by the clock—in ~~Winter~~ 9am GMT in ~~Summer~~

Nearest Railway Station Dunford Bridge Distance 3360 yds Direction from gauge E 24° S.

Nearest Parish Church at Distance Direction from gauge

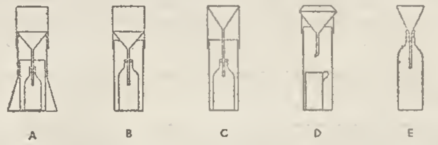
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print ✓
GB
8/3

f 8995 18/29

Turf wall round gauge

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005 *; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{c|c|}17 & \\ 18 & \end{array}\Big\}\cdot 14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Reaps Slack No 8

In the County of Yorkshire W.R

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 1490 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·75				
FEB.	7·70				
MAR.	4·15				
APRIL	3·50				
MAY	2·20				
JUNE	3·45				
JULY	9·65				
AUG.	2·25				
SEPT.	2·45				
OCT.	4·05				
NOV.	11·25				
DEC.	6·05				
TOTAL	65·45				

Signature Geo. E. V. Boldey

* See Instruction 3 *(f)* below.

C Particulars of Station.

ho. 3165/2

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Dunford Bridge Distance 3360 yds Direction from gauge E 24 S.

Nearest Parish Church at Distance Direction from gauge

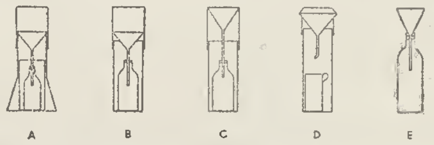
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~Monthly~~

M.O. 5
31 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3165/2

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Reaps Shack No 8

In the County of Yorkshire W R

Rain Gauge:
Diameter of Funnel 5" in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1490 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·05) Not taken owing to Big Snow				
FEB.	(3·90) ~~3·40~~ ~~7·45~~				
MAR.	5·40				
APRIL	4·50				
MAY	·90				
JUNE	·80				
JULY	5·45				
AUG.	2·90				
SEPT.	6·45				
OCT.	6·40				
NOV.	11·05				
DEC.	6·90				
TOTAL	~~[illegible]~~ 58·70				

Signature Geo E V Boldy

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Dewsbury + Heckmondwike Waterworks Board.
Engineers Office 10 Church St. Dewsbury

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Dunford Bridge Distance 3360 Direction from gauge E 24 S

Nearest Parish Church at .... Distance .... Direction from gauge ....

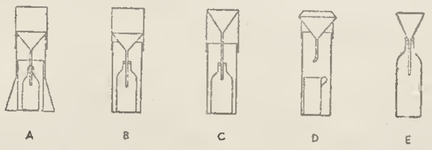
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan + Feb estimated by ref. to nearby Stns

M
6 FEB 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-

3166

3166

SNAILSDEN

1931 - 1940

48 0601

Section **A** for the entry of

COPY FOR OFFICIAL USE.

AIR MINISTRY

L ORGANIZATION.

FORM 1090.

REGIST

Kept at Snailsden

in the County of Yorks

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

THE MORNING MEASU

Y.

An observer who does not conform to *following*

year in the space on the right of th

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		–	–								–		1
2								–					2
3					·02								3
4										·30			4
5				1·80			·55						5
6									5·45			1·65	6
7						2·62							7
8		·85	·05								1·80		8
9								2·99					9
10					·34								10
11	·48									1·13			11
12				·26			1·67						12
13									·52			·20	13
14						1·34							14
15		2·81	·29								1·70		15
16								2·54					16
17					·63								17
18	1·34									·18			18
19				1·75			1·58						19
20									·37			·09	20
21						1·55							21
22		1·26	·06								1·05		22
23								2·99					23
24					1·47								24
25	1·86									·08			25
26				1·84			·65						26
27									·63			·75	27
28						·29							28
29		1·86	–								2·08		29
30		×		·20		–		–					30
31	1·74	×	–	×	·95	×	1·01	–	×	1·04	×	·11	31
TOTAL	5·42	6·78	·40	5·85	3·41	5·80	5·46	8·52	6·37	2·73	6·63	2·80	YEAR'S TOTAL 60·27
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

(Signed) Geo. E. V. Boldry

*See Instruction 2 (*f*) on other side.

[P.T.O.

3166

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Snailsden

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		—	—								—		1
2								—					2
3					·02								3
4										·30			4
5				1·80			·55						5
6									5·45			1·65	6
7						2·62							7
8		·85	·05								1·80		8
9								2·99					9
10					·34								10
11	·48									1·13			11
12				·26			1·67						12
13									·52			·20	13
14						1·34							14
15		2·81	·29								1·70		15
16								2·54					16
17					·63								17
18	1·34									·18			18
19				1·75			1·58						19
20									·37			·09	20
21						1·55							21
22		1·26	·06								1·05		22
23								2·99					23
24					1·47								24
25	1·86									·08			25
26				1·84			·65						26
27									·63			·75	27
28						·29							28
29		1·86	—								2·08		29
30		✕		·20		—		—			—		30
31	1·74	✕	—	✕	·95	✕	1·01	—	✕	1·04	✕	·11	31
TOTAL	5·42	6·78	·40	5·85	3·41	5·80	5·46	8·52	6·37	2·73	6·63	2·80	YEAR'S TOTAL 60·17
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Bolding [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Snailsden

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

„ Ground „ Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					.85								1
2										.59			2
3	2.20			.22			.55						3
4									3.41			.95	4
5						.04							5
6			.43								.68		6
7		.09						.13					7
8					1.01								8
9										.94			9
10	3.41			3.22			.02						10
11									2.11			.12	11
12						.20							12
13			.99								.27		13
14		.21						.07					14
15					1.48								15
16										2.44			16
17	1.51			.55			2.78						17
18									.30			.35	18
19						–							19
20			.02								.38		20
21		–						2.80					21
22					2.04								22
23										2.60			23
24	.03			1.17			.63						24
25									.50			.44	25
26						.02							26
27			.80								3.25		27
28		.12						.04					28
29		–			1.94								29
30		×		.85		.59			.52		.83		30
31	.03	×	1.14	×	.04	×	2.46	.17	×	2.35	×	.70	31
TOTAL	7.18	.42	3.38	6.01	7.36	.85	6.44	3.21	6.85	8.92	5.41	2.56	YEAR'S TOTAL 58.59
*Days with ·01 in. or more.													
*Days with .04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Snailsden
in the County of Yorkshire (WR)
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2				·12			–							2
3									·01			–		3
4						–								4
5		2·91	·91								·29			5
6								·19						6
7					1·17									7
8	1·60									1·12				8
9				·18			1·21							9
10									–			·21		10
11						·20								11
12		1·37	·22								·30			12
13								·04						13
14					·72									14
15	1·68									3·57				15
16				·07			2·08							16
17									·18			·14		17
18						2·73								18
19		·17	2·12								1·92			19
20								·30						20
21					·04									21
22	·45									·50				22
23				·20			–							23
24									1·56			·14		24
25						·96								25
26		Snowed up.	–								·18			26
27								·35						27
28		·75			·09									28
29	–	X								·54				29
30		X		1·14		–	·46		·79		·01			30
31	·58	X	·18	X	–	X	·78	·04	X	·49	X	·33		31
TOTAL	4·31	5·20	3·43	1·71	2·02	3·89	4·53	·92	2·54	6·22	2·70	·82	Year's Total 38·29	
*Days with ·01 in. or more.														
*Days with .04 in. or more.														

40-9999
*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.
(*Signed*) Geo. E. V. Boldry

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Snailsden

in the County of Yorkshire (WR)

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1				–			–							1
2									·15			·87		2
3						–								3
4		·05	·83								·18			4
5								1·30						5
6					1·21									6
7	1·28									2·64				7
8				·21			–							8
9									·20			2·50		9
10						·36								10
11		·11	1·18								2·50			11
12								1·23						12
13					·34									13
14	1·08									·90				14
15				1·01			·17							15
16									·16			·79		16
17						·02								17
18		–	1·46								·48			18
19								·22						19
20					2·02									20
21	1·95									·39				21
22				·36			·29							22
23									1·84			·55		23
24						1·13								24
25		·04	·38								·06			25
26								·39						26
27					·20									27
28	·52	·05								2·20				28
29		×		1·67			2·18							29
30		×		–		·60			1·39		·13	1·60		30
31	·14	×	·09	×	–	×	·22	·28	×	·42	×	·18		31
TOTAL	4·97	·25	3·94	3·25	3·77	2·11	2·86	3·42	3·74	6·55	3·35	6·49	Year's Total. 44·70	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. E V Boldry

[P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Snailsden

in the County of Yorkshire (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									·36			·45		1
2						·18								2
3		·83	·12								·49			3
4								–						4
5					–									5
6	·66									1·68				6
7				·30			·82							7
8									·48			·91		8
9						1·76								9
10		·57	·08								1·12			10
11								–						11
12					–									12
13	·56									3·67				13
14				1·80			·02							14
15									·88			·62		15
16						·90								16
17		4·90	·14								3·15			17
18								–						18
19					·60									19
20	·16									1·48				20
21				2·10			·68							21
22									3·70			·14		22
23						1·35								23
24		2·07	1·66								1·80			24
25								·97						25
26					–									26
27	·90									1·99				27
28		·23		·10			·77							28
29		✕							2·31			·90		29
30		✕		·02		·45			·48		2·45			30
31	·09	✕	·31	✕	–	✕	–	1·78	✕	3·27	✕	·37	W	31
TOTAL	2·37	8·60	2·31	4·32	·60	4·64	2·29	2·75	8·21	12·09	9·01	3·39	Year's Total 60·58	
* Days with .01 in. or more.													,,	
* Days with .04 in. or more.													,,	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. O. P. Boldey

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at SNAILSDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1			·11								·11			1
2		·09						·39						2
3					–									3
4										·02				4
5				·80			·25							5
6									2·18			1·54		6
7						1·40								7
8			·48								1·26			8
9		·12						1·18						9
10					·07									10
11										·14				11
12	1·45			·24			1·51							12
13									2·55			·81		13
14						1·42								14
15			·12								5·56			15
16		·12						·12						16
17					·34									17
18										2·14				18
19	·43			·52			1·02							19
20									·59			1·15		20
21						·36								21
22			·08								·93			22
23		1·37						·50						23
24					·68									24
25										1·41				25
26	·35			·47			·74							26
27									·94			·08		27
28						1·16								28
29		1·15	2·65								·17			29
30		✕		–		·86			–		·14			30
31	1·33	✕	·08	✕	·83	✕	·64	·02	✕	2·66	✕	·94		31
TOTAL	3·56	2·85	3·52	2·03	1·92	5·20	4·16	2·21	6·26	6·37	8·17	4·52	Year's Total 50·77	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldey [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at SNAILSDEN

in the County of YORKSHIRE (W.R.)

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1								-						1
2					-									2
3	1·07									-				3
4				·47			·08							4
5									·22			·84		5
6						·42								6
7		1·37	·53								·19			7
8								·13						8
9					·64									9
10	2·25									·03				10
11				·80			·77							11
12									·64			·77		12
13						1·41								13
14		1·06	·89								·16			14
15								·38						15
16					1·14									16
17	·69									-				17
18				·80			1·42							18
19									·77			·44		19
20						·25								20
21		1·26	·95								1·14			21
22								·37						22
23					·85									23
24	1·60									2·12				24
25				·39			·89							25
26									·14			·27		26
27						·02								27
28		1·48	·38								·83			28
29		✕						·15						29
30		✕		·22	·28	·28			-		·59			30
31	·74	✕	-	✕	-	✕	-	·53	✕	1·55	✕	·29	Year's Total	31
TOTAL	6·35	5·17	2·75	2·68	2·91	2·38	3·16	1·56	1·77	3·70	2·91	2·61	37·95	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldry [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at SNAILSDEN (Nº 7.)

in the County of YORKSHIRE.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 2 ft. in.

,, Ground ,, Sea Level 1349 ft.

adopt. as printed [illegible]

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1					Tr.									1
2	·10									1·05				2
3				·49			·44							3
4									·10			1·21		4
5						1·48								5
6		·19	Tr.								1·16			6
7								1·52						7
8					·05									8
9	1·04									5·60				9
10				·04			1·96							10
11									·45			1·00		11
12						·35								12
13		·59	·19								·52			13
14								1·02						14
15					·18									15
16	3·18									3·14				16
17							1·15							17
18									·59			·83		18
19						·17								19
20		·03	·09								·94			20
21								1·60						21
22					·41									22
23	·26									·86				23
24				·03			·02							24
25									·43			·41		25
26						·94								26
27		1·24	·47								2·87			27
28		·14						1·12						28
29		×			3·08									29
30		×		Tr.		1·78			·91	·79	·25			30
31	·35	×	·41	×	·49	×	·74	Tr.	×	·74	×	1·43		31
TOTAL	6·67	2·22	1·16	·56	4·21	4·72	4·31	5·26	2·48	12·18	5·74	4·88	Year's Total 54·34	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. E. V. Boldey

[P.T.O.

Section A **for the entry of Daily Observations**

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Snailsden No 7

in the County of Yorkshire W. R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 2 ft. – in.

,, Ground ,, Sea Level 1379 ft.

~~Weekly.~~

do.

~~3100 E 358.~~

W

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18									·01				1
2				·21			1·11							2
3									·91			1·69.		3
4						–								4
5		–	·48								·79.			5
6								·85						6
7					·38									7
8	1·40									1·45				8
9				·76			2·31							9
10									·56			2·63		10
11						·58								11
12		2·00	·66								·93			12
13								·86						13
14					·42.									14
15	1·62									1·09.				15
16				·89			·74							16
17									·04			·06		17
18						1·36								18
19		·68	·27.								1·65			19
20								·31						20
21					1·82									21
22	1·81									·58				22
23				·54			1·75							23
24									·65			·05		24
25						·91								25
26		1·72	·77								3·95			26
27								·22						27
28					Tr									28
29	·43	·66								·82.				29
30		✕		·26		·50	2·24				1·95			30
31	–	✕	·92	✕	–	✕	·67	Tr	✕	·15	✕	·22.		31
TOTAL	5·44	5·06	3·10	2·66	2·62	3·35	8·82	2·24	2·16	4·10	9·27	4·65	Year's Total 53·47	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. E. V. Boldy

[P.T.O.

COPY FOR OFFICIAL USE

Sect' n **A** for the entry of Daily Observations

Station No. 3166

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 193~~4~~0

Kept at Snailsden No 7

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft. – in.

,, Ground ,, Sea Level 1379 ft.

Jan. adj. for snow.

Weekly

3100 - E 35. S.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1									·01			·21		1
2						Tr								2
3			·01								1·19			3
4		·47						Tr						4
5					·07									5
6										2·42				6
7	·26			·84			·21							7
8									·19			1·26		8
9						–								9
10			·25								2·38			10
11		·63							1·05					11
12					·12									12
13										1·00				13
14	Tr			·67			1·39							14
15									1·59			1·09		15
16						·05								16
17			2·19								3·58			17
18		·36						·25						18
19					·07									19
20										1·00				20
21	·10			·96			2·74							21
22									3·20			·46		22
23						·55								23
24			·95								1·94			24
25		·63						·51						25
26					·24									26
27	(2·85)									·33				27
28	~~1·05~~			·13			·07							28
29		·73							·20			·56		29
30		✕		·83		·12					·14			30
31	~~·09~~	✕	·56	✕	·26	✕	Tr	·11	✕	1·27	✕	·59	W	31
TOTAL	3·21 ~~1·50~~	2·82	3·96	3·43	·76	·72	4·41	1·92	5·19	6·02	9·23	4·17	Year's Total ~~44·13~~	45·84
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Geo. V. Boldey

[P.T.O.

3167

Section **A** for the entry of Daily Observa

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEORO

AINFALL ORGANIZATION.

FORM 1090.

REGISTER O 1931 .

3167

DARFIELD S.W

1931-40

780601

Kept at Darfild Sewage Dispos

in the County of Yorks WR

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..............ft.

,, Ground ,, Sea Level ....

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5							2.94						5
6						5.13							6
7				1.18									7
8					2.36								8
9						x							9
10													10
11													11
12					x								12
13													13
14				x									14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30		×											30
31		×		×		×			×		×		31
TOTAL													YEAR'S TOTAL
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Engineer

[P.T.O.

3167

Section **A** for the entry of Daily Observations. 3167 COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Darfield Sewage Disposal Works

in the County of Yorks W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5							2.94						5
6						5·13							6
7				1·18									7
8					2.36								8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30		×											30
31		×		×		×			×		×		31
TOTAL													YEAR'S TOTAL
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Engineer [P.T.O.

X DARFIELD SEWAGE WORKS X

62144/30

3167

Section A for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Yorks WR 7

Kept at Darfield Sewage Disposal Works

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level ft.

1931 imp

1932 new g

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ·16

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·05	·1	·12	·06	·04	·07	1
2							—	·01	·17	·025	Trace	·09	2
3							·17	Trace	—	·04	—	·04	3
4							·01	—	·02	—	·04	Trace	4
5							—	·005	·05	—	—	—	5
6							—	—	—	—	—	·005	6
7							·01	—	·15	·15	Trace	—	7
8							—	—	·1	·09	·03	—	8
9							—	—	Trace	Trace	—	—	9
10							—	Trace	·03	·13	—	·09	10
11						·05	·3	—	Trace	·06	·02	—	11
12						—	·07	·005	—	·12	·05	·005	12
13						—	·2	·01	—	·18	·01	·02	13
14						—	·04	—	—	·04	·11	Trace	14
15						—	—	—	—	·04	·03	·04	15
16						—	·13	—	—	Trace	·01	Trace	16
17						—	·06	—	Trace	·13	Trace	—	17
18						—	—	—	Trace	Trace	Trace	—	18
19						—	—	·01	Trace	·06	—	—	19
20						—	·05	·49	—	·19	Trace	—	20
21						—	—	·38	—	·53	·01	·03	21
22						—	·1	Trace	·2	·01	·24	·03	22
23						—	·06	—	—	·05	·06	·02	23
24						—	·22	—	·005	—	·05	—	24
25						—	·005	Trace	—	·33	·01	·005	25
26						—	·02	—	·01	·22	·1	—	26
27						·11	·07	—	—	·005	·13	Trace	27
28						·02	1·31	·5	—	—	—	·01	28
29						·01	·02	·26	·14	·34	Trace	·11	29
30		×				·25	—	·2	·12	·02	·17	·17	30
31		×		×		×	·34	—	×	—	×	·06	31
TOTAL						~~·44~~	2·235	1·97	1·115	2·85	1·11	·495	YEAR'S TOTAL ~~[illegible]~~
*Days with ·01 in. or more.						5	19	9	11	21	17	13	—
*Days with ·04 in. or more.						3	15	6	8	18	9	8	—

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*See Instruction 2 (*f*) on other side.

(Signed)

X THE SURVEYOR X

P.T.O.

3167

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. 6214/30 Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Sewage ~~Disposal~~ Works, Darfield

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 106 ft.

C1932 inf. good agreement

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·16	·12	·17	—	—	—	—	—	—	—	·06	—	1
2	·1	—	·34	—	—	—	—	—	—	—	·13	—	2
3	·02	·06	·09	—	·32	—	—	—	—	—	·08	—	3
4	·08	·01	—	—	·02	—	—	—	—	—	Trace	—	4
5	·11	·01	·08	—	·22	—	—	—	—	—	—	—	5
6	·005	·11	·04	—	·56	—	—	—	—	—	—	·05	6
7	—	·11	Trace	Trace	·22	—	·13	—	—	·6	Trace	·02	7
8	—	Trace	·25	—	·05	—	·52	—	—	—	·01	·04	8
9	—	·14	—	—	Trace	—	·2	—	—	·23	·005	—	9
10	—	·06	—	—	Trace	·08	·005	—	—	1·5	·03	—	10
11	Trace	—	—	—	Trace	—	·18	—	—	·13	—	—	11
12	—	—	—	—	·01	·11	·07	—	—	·03	—	·005	12
13	Trace	Trace	—	—	·33	·005	·1	·02	—	·03	·09	—	13
14	Trace	—	—	—	·01	—	·005	·03	—	—	·28	—	14
15	·66	—	Trace	—	Trace	—	·5	·05	—	·08	·87	·12	15
16	Snow ·5	—	·32	—	·06	·05	·1	—	—	·08	·03	—	16
17	Snow ·9	—	·67	—	·02	·1	—	—	·01	—	·08	·005	17
18	—	·13	·15	Trace	Trace	·11	·01	—	—	—	·07	Trace	18
19	Frost	—	·48	—	—	·03	—	—	—	—	·03	·01	19
20	Frost	Trace	—	Trace	·02	Trace	—	—	·26	Trace	·03	—	20
21	Frost	—	—	—	·01	·07	—	{ ·16	·02	—	·02	—	21
22	Frost	—	—	—	—	·82	—		·03	·58	—	—	22
23	—	—	—	·14	·02	—	—	—	·39	·01	—	—	23
24	—	Snow	—	·19	·07	·16	—	—	1·49	~~0~~	·04	—	24
25	—	} 2·6	—	·18	·13	—	—	—	·3	·01	·02	·06	25
26	—		—	·06	—	—	—	—	·005	·08	·005	·01	26
27	—	·02	—	—	·06	—	—	—	·02	·17	—	—	27
28	—	·02	—	·04	·11	—	·03	—	—	·11	—	—	28
29	—		—	·34	—	—	·005	—	·005	·21	—	—	29
30	·08	✕	·05	·35	—	—	—	—	—	·01	—	·02	30
31	·11	✕		✕	—	✕	·01	·02	✕	·07	✕	—	31
TOTAL	1·915	3·39	2·64	1·3	2·24	1·535	1·855	·28	2·53	3·93	1·88	·34	YEAR'S TOTAL 23·8~~25~~ 3
*Days with ·01 in. or more.	10	12	11	7	18	9	11	5	8	17	16	8	132
*Days with .04 in. or more.	8	7	11	7	11	8	8	2	4	12	9	4	91

OK

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*See Instruction 2 (*f*) on other side.

(*Signed*) The Surveyor

P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3167

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Sewage Disposal Works Darfield

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground one ft — in.

,, Ground ,, Sea Level ft.

Totals

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·005	—	—	trace	—	—	—	} ·05	·09	·05	—	·08	1
2	Fog	·01	·005	—	·025	—	—		·11	trace	·05	·28	2
3	Fog	·01	—	—	—	—	—	—	trace	·1	·01	—	3
4	·01	trace	·03	·24	·01	—	—	—	·02	·21	—	·58	4
5	—	—	·04	trace	·15	—	—	·27	—	·03	·14	·07	5
6	—	—	·09	trace	·18	} ·09	—	·01	—	·1	—	·66	6
7	·02	—	·03	—	·005		—	—	—	·15	·03	·16	7
8	—	trace	·005	—	·06	·24	—	·08	—	·04	·49	·02	8
9	—	—	·2	·04	—	—	—	trace	—	·05	·68	·12	9
10	trace	—	·27	·19	—	—	—	·02	—	—	·05	trace	10
11	·36	—	·26	·34	—	—	—	trace	—	—	—	·27	11
12	trace	—	·15	·11	—	—	·02	—	—	—	trace	·08	12
13	·36	—	·005	·01	·01	—	·34	·06	—	—	—	·01	13
14	·04	—	·23	—	·02	·49	—	—	—	·16	·18	·21	14
15	·18	—	·04	—	·15	—	—	·01	·35	·04	·08	·01	15
16	·08	·005	·08	—	·24	—	—	—	—	—	—	·11	16
17	·09	—	·05	—	·02	—	·11	—	·12	·02	·09	·09	17
18	·06	—	·11	·17	} ·05	·01	·005	—	trace	—	—	·03	18
19	—	—	·1	·05	✓	·08	—	—	·02	—	·01	—	19
20	—	—	·005	—	·01	·04	—	—	·01	trace	—	trace	20
21	—	—	—	—	—	·26	—	—	·08	—	—	—	21
22	—	—	—	—	—	—	—	·03	·25	·02	—	—	22
23	—	—	·04	·01	—	—	·35	—	—	·01	08	·1	23
24	—	·05	·02	·19	—	·11	·03	—	·01	—	—	·01	24
25	·02	—	—	·01	—	·02	—	—	·08	·14	—	·4	25
26	·1	—	—	·05	—	·005	—	—	·03	—	—	·02	26
27	trace	·47	—	·38	—	·09	·02	—	·05	·04	—	·2	27
28	—	—	—	·06	—	·14	—	·16	trace	·005	—	·27	28
29	—		·02	trace	—	—	—	·08	·41 Rain & Snow		—	·02	29
30	·05	×	—	—	—	—	·34	—	·005	·18	—	—	30
31	·02	×	—	×	—	×	·005	·11	×	·03	×	trace	31
TOTAL	1·4~~2~~35	·545	1·87	1·88	·92~~5~~0	1·605	1·22	·88	1·6~~3~~48	1·405	1·89	3·80	YEAR'S TOTAL 19·08
*Days with ·01 in. or more.	13	4	17	14	~~12~~13	11	7	~~11~~12	14	17	12	23	154
*Days with .04 in. or more.	9	2	13	11	6	9	4	~~4~~6	9	12	9	14	104

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*See Instruction 2 (*f*) on other side,

(*Signed*) J W Crowther

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3167

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Sewage Disposal Works Darfield

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level ..... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	Trace	·24	·005	—	·23	·005	—	·44	·07	·14	·28		1
2	trace	·02	·03	—	—		—	Trace	—	·48	—	·25		2
3	trace	·06	·15	·04	—	·11	—	—	—	·07	·26	trace		3
4	—	·005	·05	—	—	·11	—	—	·06	1·25	·03	—		4
5	trace	·22	·11	—	—	·64	—	—		·17	·07	—		5
6	·05	—	—	·02	—	·15	—	—	—	—	—	—		6
7	·02	—	—	·02	—	·15	—	—	—	·19	·395	·11		7
8	—	—	·01	·12	—	·06	—	·26	—	trace	·01	·09		8
9	—	—	—	·08	trace	·14	—	—	—	·59	·18	·005		9
10	—	—	·03	·08	—	·05	Trace	—	—	·12	·03	—		10
11	·24	—	·005	—	—	trace	—	·005	—	·005	·12	—		11
12	—	·005	—	—	—	·08	—	—	—	—	—	·005		12
13	·1	—	—	·07	·12	·005	—	—	—	—	·005	—		13
14	—	·03	—	·14	Snow ·2	·04	—	—	·24	—	·44	·14		14
15	trace	·01	—	·36	—	·01	·06	—	·05	—	·22	·14		15
16	—	·34	·14	·03	·03	·02	·07	—	·36	—	·59	—		16
17	—	·01	—	·06	·03	·4	·07	·07	·14	trace	·83	—		17
18	·03	·015	—	·14	·09	·11	·33	·26	·13	·09	·11	—		18
19	·02	·01	—	·06	—	·19	·005	—	trace	·03	·24	—		19
20	—	·05	·01	·5	—	·03	—	—	trace	—	·47	—		20
21	—	·5	—	·05	—	—	—	—	·6	—	·1	·02		21
22	—	·16	·01	—	—	—	—	—	trace	—	·005	—		22
23	trace	—	·07	·23	—	—	—	·74	·04	·17	—	—		23
24	—	·61	·04	—	—	—	—	—	1·05	—	—	·28		24
25	·16	·11	—	trace	—	·05	—	—	—	—	—	·02		25
26	Snow ·07	Trace	—	—	—	—	·02	·45	·33	·02	·03	·26		26
27	Melted Snow ·12	·15	—	—	trace	—	·03	—	·37	·005	·03	·3		27
28	—	·02	—	—	trace	—	—	·09	·05	·03	·005	·35		28
29	—		·04	—	—	—	—	—	·08	·06	·01	·15		29
30	·05	×	—	·01	—	—	—	·13	·04	·11	·25	·02		30
31	·005	×	—	×	—	×	—	·005	×	·32	×	·14		31
TOTAL	1·105	2·325	·935	2·015	·47	2·575	·59	2·01	3·98	3·78	4·57	2·56	Year's Total. 26·915	
* Days with .01 in. or more.	12	18	13	17	5	19	7	8	16	17	22	16	170	
* Days with .04 in. or more.	8	9	8.	13	3	16	4	7	15	13	15	12	123	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) .....

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3167

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

W D

circ/6
sent 1.1.37
KY

Kept at Sewage Disposal Works Darfield U.D.C.
in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·02

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	·14	·11	·31	—	·04	·01	·2	·03	—	—	·2		1
2	—	·03	·05	·005	—	·5	·04	—	—	—	·18	·15		2
3	·01	·07	·01	—	—	·15	trace	—	·14	—	—	·02		3
4	·02	—	·05	—	—		—	·05	·02	—	·24	·05		4
5	·1	—	·27	—	·02	—	—	·15	·05	—	—	·17		5
6	—	—	—	—	—	·04	·14	·26	·45	—	·12	—		6
7	·2	—	·005	—	·01	—	·4	—	·04	·01	·01	—		7
8	·1	—	·07	—	—	—	trace	—	trace	trace	·2	·01		8
9	·22	—	·02	—	—	—	·51	—	—	·1	·24	—		9
10	·01	—	trace	—	—	—	·57	—	·04	—	·15	—		10
11	—	—	trace	·07	—	·05	·04	·005	—	—	·40	—		11
12	—	—	trace	·15	·06	·87	·3	—	·35	—	·18	·1		12
13	—	—	—	·1	—	·18	·04	·005	·04	·02	·01	·33		13
14	—	—	—	·12	—	·05	—	·005	·27	—	·04	·1		14
15	—	·14	·005	·18	·01	—	·03	—	·03	—	·16	·05		15
16	—	·01	trace	·02	·005	—	·03	—	—	—	·42	—		16
17	—	·5	—	—	·01	—	·03	—	—	·02	·04	·07		17
18	—	·02	—	—	—	—	·11	·07	—	·29	—	·005		18
19	·86	·05	trace	—	—	·39	·005	·45	—	·04	—	—		19
20	·08	·18	—	·03	—	·23	—	—	·03	·03	—	—		20
21	—	—	·04	—	—	·04	—	—	—	—	—	—		21
22	·03	·56	·12	—	—	·69	·17	—	—	—	—	—		22
23	—	—	·03	·04	·12	—	·27	—	—	·01	—	—		23
24	·12	·06	—	trace	·33	Trace	—	—	·24	·2	—	—		24
25	·16	—	·16	—	·005	trace	—	—	·28	·11	—	—		25
26	—	·14	·44	—	—	—	—	—	·1	·13	·03	—		26
27	·22	—	·01	—	—	—	—	—	·08	·16	—	—		27
28	·19	·62	·05	—	—	—	·33	—	—	—	—	—		28
29	·23	·38	·11	—	—	·24	·07	—	—	·01	·22	·08		29
30	·04	✕	—	—	·2	·01	·15	—	—	·8	—	·09		30
31	·06 ·14	✕ ·11	·04 ·31	✕ –	— ·04	✕ ·01	·02 ·20	— ·03	✕ –	— –	✕ ·20	— ·02		31
													Year's Total.	
TOTAL	2·79	2·87	1·79	·72	·81	3·45	3·45	1·02	2·16	1·93	2·84	1·25	25·08	✓
* Days with .01 in. or more.	18	14	17	9	10	15	20	8	15	14	17	14	171	✓
* Days with .04 in. or more.	14	11	12	6	5	13	15	6	12	8	14	10	126	✓

40-9999 † Spare column, no entries required.

* See Instruction 2 (f) on other side. (Signed) [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3167

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Sewage Disposal Work Darfield U.D.C

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 83·26 ft.

one day only

W.D

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·02	·11	Snow ·57	—	—	—	·04	—	·06	—	·32	·15		1
2	—	·06	·01	·26	—	·02	—	—	—	—	·01	1·69		2
3	—	·02	—	·19	Trace	·01	·01	—	—	—	—	·02		3
4	·10	·01	·07	·14	Trace	—	—	—	—	—	—	·14		4
5	·13	—	·09	—	—	—	—	—	—	—	—	·19		5
6	·02	—	·10	·02	·15	—	·23	—	—	—	·02	·16		6
7	—	·42	5 ~~·005~~	·17	·14	·04	·02	—	—	—	·04	—		7
8	—	·46	—	·02	—	—	—	—	—	—	·09	·14		8
9	—	·04	—	·02	·30	—	·46	—	—	—	—	·17		9
10	·01 ~~·005~~	·04	Snow 1·18	·05	·01	·05	5 ~~·005~~	·02	—	—	·02	·24		10
11	—	—	4	·01	·76	~~·24~~	—	—	—	—	—	·04		11
12	·05	·33	·02	—	·31	—	—	·01	·15	—	—	·13		12
13	—	·03	—	—	·05	1·05	—	·02	·06	—		·12		13
14	—	—	·25	—	—	—	—	·03	·01	—	—	·21		14
15	·15	·24	·01 ~~·005~~	·51	—	·01	1·32	—	·04	—	—	·05		15
16	—	·09	·22	·61	—	—	—	·07	·30	—	—	5 ~~·005~~		16
17	·26	·04	·22	·32	—	—	—	—	·83	—	—	—		17
18	1·16	·02	·09	5 ~~·005~~	—	·07	·03	5 ~~·005~~	—	—	·34	—		18
19	—	·01	·02	·02	—	·10	·05	—	—	—	·40	—		19
20	·14	·06	—	·18	·65	—	—	—	·05	—	—	—		20
21	·02	·01	·01	—	—	—	·17	—	—	·02	—	·01		21
22	·01	—	—	—	—	—	·01 ~~·005~~	—	—	·16	·17	Trace		22
23	·34	—	·02	—	—	—	·09	—	—	1·30	·41	trace		23
24	·20	·21	·01	—	·02	—	—	—	·04	·20	—	—		24
25	·12	·30	—	—	—	—	—	—	—	·30	—	—		25
26	—	·17	·14	—	·35	—	—	—	5 ~~·005~~	trace	—	·05		26
27	—	·03	·03	·14	—	—	—	trace	—	·67	—	·02		27
28	—	—	·09	—	—	·01 ~~·005~~	—	—	—	·01	—	—		28
29	—		Trace	—	—	—	—	—	—	·01 ~~·005~~	·02	·02		29
30	·32	✕	—	—	—	·03	—	·01 ~~·005~~	—	·06	·01	·04		30
31	·34	✕	—	✕	—	✕	—	—	✕	·32	✕	·03		31
TOTAL	3·39	2·70	3·15	2·66	2·74	1·63	2·43	·16	1·54	3·05	1·73	3·62	Year's Total 28·80	✓
* Days with .01 in. or more.	17	21	20	15	10	11	11	6	9	10	11	20	161	✓
* Days with .04 in. or more.	12	14	11	10	8	6	7	1	8	7	6	15	105	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3167/43.62144/30

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

June & Ann. Total Corr. for Arith. 4.3.39. EMF.

Kept at Sewage Works Darfield U.D.C.
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	·02	—	—	·02	·59	·28	—	·01	—	·08	·15		1
2	·03	trace	—	·01	·05	·005	trace	—	trace	·15	·04	·16		2
3	·01	—	—	—	—	·015	·02	—	·12	1·09	·005	—		3
4	·1	—	—	—	—	·05	·12	—	—	·08	trace	·12		4
5	trace	—	—	—	—	—	·03	·4	·01	·53	—	trace		5
6	·04	·01	—	—	—	—	·32	·73	·05	·05	—	·01		6
7	·08	—	—	—	—	—	·16	·09	·39	·01	—	·06		7
8	·38	trace	—	—	—	—	·09	·12	trace	·26	—	·06		8
9	·06	·05	—	—	—	·06	trace	1·61	—	—	trace	·29		9
10	trace	·05	—	—	—	·005	·06	·005	·01	·005	trace	·02		10
11	·22	—	—	—	—	—	·03	—	—	·05	·03	·05		11
12	·12	·03	—	—	·05	—	trace	·06	—	·17	·04	—		12
13	trace	·05	—	—	—	—	—	·15	·03	·05	·08	·29		13
14	·18	trace	—	—	·01	—	·28	—	·12	trace	—	·01		14
15	·37	—	—	—	—	—	·36	—	—	trace	·005	·3		15
16	·07	—	—	—	trace	—	·48	·01	—	—	·05	·3		16
17	trace	trace	—	—	·26	—	·13	·005	—	·04	trace	·02		17
18	·01	·005	—	—	·13	·04	—	—	·24	·09	·11	—		18
19	—	—	—	—	·005	·005	—	·1	·01	—	—	—		19
20	trace	—	—	—	—	—	—	—	trace	—	·28	—		20
21	—	—	·01	—	—	—	—	—	·01	—	·01	—		21
22	—	—	—	·02	—	·37	—	—	trace	—	·31	Snow & Rain ·48		22
23	—	—	—	—	·05	·03	—	—	·24	—	·33	—		23
24	—	—	·11	—	·01	·005	—	·18	·25	—	·12	—		24
25	·04	·12	·01	—	—	—	·005	·005	trace	·17	·56	·06		25
26	—	·62	·07	—	trace	trace	—	—	·09	·12	·04	·03		26
27	trace	—	—	—	·13	·15	·45	·3	·12	—	·11	—		27
28	·1	—	—	—	·52	·12	·05	·52	·08	·04	—	·02		28
29	·02		·01	·02	·75	—	trace	—	trace	·005	·09	·02		29
30	·02	✕	—	—	·1	·07	—	—	·11	—	·08	·08		30
31	·11	✕	—	✕	·42	✕	—	—	✕	·11	✕	Snow & Rain ·59		31
													Year's Total	
TOTAL	1·99	·955	·21	·05	2·505	1·515	2·565	2·28	1·89	3·02	2·37	3·12	24·455 7 # ✓	
* Days with .01 in. or more.	19	8	5	3	13	10	15	12	17	16	17	21	156 # ✓	
* Days with .04 in. or more.	12	5	2	—	10	8	12	11	11	15	15	14	115 # ✓	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. W. Crowther

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations — Station No. 3267

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Sewage Disposal Works Darfield U.D.C.

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground one ft. — in.

,, Ground ,, Sea Level ft.

aus ✓

Days ✓

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·005	—	·07	·10	—	—	·20	·62	·01	·09	—	·005		1
2	·07	—	trace	·11	—	—	·005	·16	1·14	·03	·05	—		2
3	—	—	—	·12	—	—	—	·36	—	·01	·19	·34		3
4	—	—	·16	·39	—	—	·06	·09	—	·05	·02	·99		4
5	Snow & Rain ·74	—	·01	—	·03	—	·21	·02	—	·15	·21	·14		5
6		—	trace	·005	—	—	·46	—	—	·02	·14	—		6
7	·04	·05	·08	—	·05	—	·05	—	—	—	·20	·18		7
8	·05	·005	·07	—	—	—	·10	·01	—	·005	·26	·24		8
9	·04	·02	—	—	—	—	·005	·21	—	·54	·005	·12		9
10	·30	—	·02	—	—	—	—	·02	·02	·06	—	·005		10
11	Snow & Rain ·49	—	·19	—	·05	·35	—	·01	·04	trace	—	trace		11
12	·02	·08	—	—	—	·02	—	—	—	·01	—	trace		12
13	—	—	—	·02	·03	·09	·005	—	·02	·07	·005	—		13
14	·57	—	trace	·10	·18	·10	·39	—	—	·20	·09	·01		14
15	·06	—	·005	—	·21	·28	·50	—	·03	·005	·005	—		15
16	—	·005	·26	—	·95	·01	·42	—	—	—	·05	—		16
17	·92	—	·01	·19	·03	trace	·11	—	—	·45	Trace	—		17
18	·17	·03	·02	—	—	·21	·29	—	·01	·01	1·25	—		18
19	·18	—	·005	—	—	·18	·26	—	·10	—	—	·01		19
20	·02	—	—	—	—	·11	·56	·19	·37	—	—	—		20
21	·12	·11	·21	·04	·07	·21	·33	·07	·22	—	—	—		21
22	·17	·28	·06	—	—	trace	·03	—	·05	—	·12	—		22
23	·11	·02	trace	·02	—	·06	·02	—	—	·07	·29	—		23
24	·07	trace	·25	·02	·01	—	·04	—	—	Trace	—	—		24
25	·61	trace	·005	—	—	·02	—	·38	—	—	·27	·03		25
26	·07	trace	—	·01	—	—	—	trace	—	·06	·28	·06		26
27	·02	·06	·38	—	—	·09	·02	—	—	·27		—		27
28	—	·10	·20	·05	—	·02	·10	—	—	—	·21	—		28
29	—		·04	·03	—	—	1·61	—	—	·23	·01	—		29
30	—	✕	—	—	—	—	—	—	—	·005	·13	—		30
31	—	✕	trace	✕	—	✕	·03	—	✕	·02	✕	—		31
TOTAL	4·845	·76	2·05	1·20	1·61	1·75	5·81	2·04	2·01	2·35	3·79	2·13	Year's Total 30·34	
* Days with .01 in. or more.	22	9	16	13	10	14	21	12	11	18	18	10	174	
* Days with .04 in. or more.	18	6	12	8	6	10	17	8	6	12	16	7	126	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3167

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Darfield Sewage Disposal Works

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 83 ft.

Jan adj. for snow

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	—	—	·04	—	—	—	—	—	—	·25	·01		1
2	—	—	—	·25	—	—	—	—	—	—	·25	·06		2
3	—	—	—	·05	—	—	—	—	—	+	·08	·05		3
4	—	1·12	—	·14	—	—	·01	—	—	·15	·32	·11		4
5	—	·01	—	—	·10	—	·04	—	—	·13	·14	·20		5
6	·11	·15	—	—	—	—	—	—	—	·81	·05	·01 ~~·005~~		6
7	·01	·20	—	—	·11	—	—	—	·04	—	—	·02		7
8	—	—	—	~~X~~ ·07	—	—	—	·02	—	·13	—	·10		8
9	—	—	·14		trace	—	—	·16	·03	·04	·76	·01		9
10	—	—	·01 ~~·005~~	~~·005~~	—	—	·82	·01	—	—	·09	·13		10
11	—	—	—	—	—	—	·15	—	—	—	·78	—		11
12	—	—	·24	—	—	—	·05	—	·05	—	·08	—		12
13	—	—	·28	—	—	—	—	—	·04	—	—	—		13
14	—	—	·04	·10	·23	—	·08	—	·01	—	—	·24		14
15	—	—	—	—	·04	—	—	—	·03	trace	·14	·01		15
16	—	—	—	—	—	—	·41	—	·11	·84	·46	—		16
17	—	—	·46	—	—	—	·60	—	·03	trace	·46	·03		17
18	—	·50	·04	·85	—	—	·09	·06	·06	—	·01	·07		18
19	—	·18	·02	·23	—	—	·17	—	·22	·07	·15	·02		19
20	—	— ~~·005~~	—	·29	—	—	—	·08	·02	·09	·02	—		20
21	—	—	·07	—	—	·37	·05	—	—	·11	1·05	—		21
22	—	—	— ~~·005~~	—	·03	·16	—	—	·23	·01	·01 ~~·005~~	·03		22
23	—	·08	·05	—	·02	—	—	—	—	·03	·08	·07		23
24	·12	—	—	—	—	—	·01	—	·01	·05	—	·07		24
25	·19	—	—	·01 ~~·005~~	—	·07	—	—	—	·02	—	— ~~·005~~		25
26	— X	·01	—	—	·04	~~·005~~	·10	—	—	·03	·01	trace		26
27	— X	·08	—	—	·02	—	·06	·09	·01	—	·03	—		27
28	2·50 X	·54	—	— ~~·005~~	—	—	—	—	—	~~·01~~	—	—		28
29	— X	·01 ~~·005~~	·12	·01 ~~·005~~	·06	·03	—	—	—	·01	—	·31		29
30	— X	✕	—	·19	—	—	—	—	—	·18	—	·24		30
31	— X	✕	·10	✕	—	✕	—	—	✕	·80	✕	·23		31
TOTAL	(2·93) ~~·43~~	2·88	1·57	2·23	·65	·635	2·64	·42	·89	3·50	2 5·215	2·02	Year's Total ~~23·08~~	5 25·58
* Days with .01 in. or more.	10	11	12	12	9	4	14	6	14	17	21	21	151	
* Days with .04 in. or more.	9	8	10	10	6	3	12	4	7	12	16	13	110	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) X The Surveyor X [P.T.O.

3167/5
PENISTONE ROYD. MOOR
1937 - 1940

780601

Sect A for the entr
AIR MIN

Station No. 3167/5
INFALL ORGANIZATION

FORM 1090
REG 937

FORM.
ED MONTHLY

Kept at Penistone
in the County of W.R.
Diameter of Funnel of Gauge.
Height of top of Gauge above
,, Ground ,,

THE MORNING MEAS IOUS DAY

An observer who does not confo of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										–	·04	·30		1
2										–	–	·56		2
3										–	–	·04		3
4										–	–	Snow ·23		4
5										–	·01	Snow ·04		5
6										·01	·10	Snow ·46		6
7										–	·07	Snow ·08		7
8										–	·13	Snow ·20		8
9										e	–	Snow ·03		9
10										·01	·02	Snow ·33		10
11										–	–	Snow ·04		11
12										–	–	Snow ·21		12
13										–	–	P.Snow ·12		13
14										–	–	Snow ·28		14
15										–	–	Snow ·02		15
16										–	–	P.Snow ·04		16
17										–	–	P.Snow ·01		17
18										–	·45	–		18
19										–	P.Snow ·43	–		19
20										–	–	Snow ·01		20
21										–	–	–		21
22										·19	·23	·01		22
23										1·49	·50	–		23
24										·36	–	·02		24
25										·54	–	·01		25
26										–	–	·04		26
27										·88	·01	·05		27
28										·07	–	·01		28
29										·07	·01	·02		29
30		✕								·01	·07	·05		30
31		✕		✕		✕			✕	·19	✕	·01		31
TOTAL										3·82	2·07	3·22	Year's Total 9·11	Three
* Days with .01 in. or more.										11	13	27	51	months
* Days with .04 in. or more.										8	9	17	34	only.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) .... [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

Sect **A** for the entry of Daily Observations

Station No. 3167/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Penistone, Royd Moor new Site

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 835 approx. ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										–	·04	·30		1
2										–	–	·56		2
3										–	–	·04		3
4										–	–	Snow ·23		4
5										–	·01	Snow ·04		5
6										·01	·10	Snow ·46		6
7										–	·07	Snow ·08		7
8										–	·13	Snow ·20		8
9										e	–	Snow ·03		9
10										·01	·02	Snow ·33		10
11										–	–	Snow ·04		11
12										–	–	Snow ·21		12
13										–	–	P.Snow ·12		13
14										–	–	Snow ·28		14
15										–	–	Snow ·02		15
16										–	–	P.Snow ·04		16
17										–	–	P.Snow ·01		17
18										–	·45	–		18
19										–	P.Snow ·43	–		19
20										–	–	Snow ·01		20
21										–	–	–		21
22										·19	·23	·01		22
23										1·49	·50	–		23
24										·36	–	·02		24
25										·54	–	·01		25
26										–	–	·04		26
27										·88	·01	·05		27
28										·07	–	·01		28
29										·07	·01	·02		29
30		✗								·01	·07	·05		30
31		✗		✗		✗			✗	·19	✗	·01		31
TOTAL										3·82	2·07	3·22	Year's Total 9·11	Three
* Days with .01 in. or more.										11	13	27	51	months
* Days with .04 in. or more.										8	9	17	34	only.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Gwaonlees [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

35+

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3167/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Penistone, Royd Moor

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level 835 ft.

new Site

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

cmp 1937

f 660870/26

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·11	-	-	-	1·09	·66	·02	-	·01	·21	P.Snow ·20		1
2	·02	·06	-	·41	·08	·20	·-	·01	-	·60	·10	·13		2
3	·04	-	-	-	-	-	·07	-	·08	2·27	·08	P.Snow ·10		3
4	·04	-	-	-	-	·03	·20	-	-	·58	·22	·36		4
5	-	·01	-	-	-	-	·01	·22	·02	·79	·02	·06		5
6	·13	·02	-	-	-	·01	·19	·50	·06	·20	-	·01		6
7	·15	·01	-	-	-	-	·42	·03	·37	·19	-	·02		7
8	·36	-	-	-	-	-	·41	·02	-	·65	-	·08		8
9	P.Snow ·08	·31	·05	-	-	·10	·18	·08	-	·04	-	·44		9
10	Snow ·02	·05	-	-	-	·07	·17	-	·02	·20	·01	·06		10
11	·20	·02	-	-	-	-	·12	·01	-	·07	·06	·10		11
12	·30	-	-	-	·08	-	-	·10	-	·76	·13	-		12
13	·04	Snow ·04	-	-	-	-	-	-	·02	·26	·21	·16		13
14	·44	Snow ·01	-	-	-	-	·09	-	·40	·01	-	·01		14
15	1·25	-	-	-	-	-	·37	·03	-	·02	·01	·45		15
16	·49	-	·06	-	·02	-	·40	·19	-	·11	·13	·16		16
17	-	-	-	-	·16	-	·12	·06	-	·08	-	P.Snow ·03		17
18	·04	·01	-	-	·28	-	-	·11	-	·35	·46	Snow ·01		18
19	-	·01	-	-	·01	·01	-	·07	·04	-	-	Snow ·11		19
20	·04	-	-	-	-	-	-	-	·03	-	·25	Snow ·11		20
21	·03	-	-	-	-	·01	-	·01	·01	-	·03	Snow ·10		21
22	-	·02	-	·01	-	·23	-	-	-	-	·35	Snow ·16		22
23	-	-	-	·01	·05	·10	-	-	·19	·01	·82	Snow ·01		23
24	-	-	·22	-	·03	·05	·06	·26	·34	·01	·23	Snow ·01		24
25	·37	·18	·12	-	-	-	-	·01	-	·31	·85	Snow ·02		25
26	·08	·44	·04	-	-	·01	-	-	·21	·20	·08	·04		26
27	·11	·18	·01	-	·31	·47	·14	·35	·08	-	·40	-		27
28	·40	·12	·02	-	·76	·49	·11	·53	·17	·01	-	·07		28
29	·08		·16	-	1·06	·08	·03	-	·02	·01	·17	·07		29
30	P.Snow ·21		-	-	·09	·01	-	-	·85	-	·09	P.Snow ·07		30
31	·37		-		·37		-	-		·51		P.Snow ·75		31
TOTAL	5·30	1·60	0·68	0·43	3·30	2·96	3·75	2·61	2·91	8·25	4·91	3·90	Year's Total 40·60	
* Days with .01 in. or more.	25	17	8	3	13	16	18	19	17	25	22	29	212	
* Days with .04 in. or more.	21	9	6	1	10	10	16	11	11	18	18	21	152	

Part
cp
20/4/39

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) .... [P.T.O.
Assoc. M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3167/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Penistone, Royd Moor

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUE F... NTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	–	·33	·07	–	–	·10	·08	·05	·02	·01	·33		1
2	P.Snow ·08	–	·02	·12	Trace	–	·23	·10	·89	·05	·09	·09		2
3	Snow ·10	–	Trace	·06	–	–	Trace	·20	·02	·01	·17	P.Snow ·68		3
4	Snow ·30	–	·16	P.Snow ·82	–	–	·09	·11	–	·20	·11	P.Snow 1·16		4
5	–	–	Trace	P.Snow ·01	·13	–	·09	·03	–	·43	·44	P.Snow ·21		5
6	P.Snow ·34	·01	·02	Trace	Trace	–	·53	–	–	·04	·23	Trace		6
7	·11	·20	P.Snow ·17	–	·18	–	·01	–	–	·01	·41	·11		7
8	·27	·10	·50	–	–	–	·45	·02	–	Trace	·24	·32		8
9	·17	·33	Trace	Trace	–	–	·01	·19	–	·78	·04	·32		9
10	Snow ·46	Trace	·02	Trace	–	·04	–	·19	·17	·02	–	Trace		10
11	P.Snow ·36	·01	·20	–	·01	·44	–	·03	·02	·01	Trace	·03		11
12	P.Snow ·18	·24	Trace	–	·02	·11	–	–	–	·01	·01	·01		12
13	P.Snow ·02	Trace	·02	·04	·06	·14	Trace	–	Trace	·14	Trace	–		13
14	·73	–	·02	·04	·48	·10	·32	–	Trace	·26	·16	Trace		14
15	·26	·02	·02	·20	·20	·36	·21	–	Trace	–	·04	Trace		15
16	·04	Trace	·17	–	·91	Trace	·13	–	–	–	·03	Trace		16
17	·77	·08	P.Snow ·01	·28	·32	–	·26	–	–	·73	·05	–		17
18	·44	·10	P.Snow ·02	Trace	Trace	·20	·13	Trace	·03	·01	·99	Trace		18
19	·14	Trace	P.Snow ·01	–	Trace	·33	1·31	·02	·11	·01	Trace	·07		19
20	Trace	–	Trace	–	Trace	·34	·09	·29	·21	–	–	·01		20
21	·11	·15	P.Snow ·44	·13	·01	·15	·02	·06	·19	–	–	–		21
22	·18	·51	P.Snow ·21	–	–	Trace	·07	Trace	·08	Trace	·33	·01		22
23	·06	P.Snow ·38	P.Snow ·02	·09	–	·05	·20	Trace	–	·20	·29	Trace		23
24	Snow ·01	·02	Snow ·01	·05	–	·04	·01	·02	–	·01	Trace	Trace		24
25	Snow ·37	P.Snow ·18	Snow ·01	P.Snow ·03	·01	·01	–	·22	–	–	1·56	Trace		25
26	P.Snow ·09	P.Snow ·08	Trace	–	–	–	–	Trace	–	P.Snow ·06	·53	·12		26
27	P.Snow ·07	·17	P.Snow ·47	–	Trace	·06	Trace	–	–	P.Snow ·12	·47	Snow Trace		27
28	P.Snow ·02	P.Snow ·10	P.Snow ·44	P.Snow ·08	–	·14	·24	–	–	–	·27	–		28
29	Trace		·04	P.Snow ·01	–	Trace	1·54	Trace	–	·21	·41	–		29
30	–	✗	·01	–	–	·04	·03	–	–	Trace	·19	–		30
31	–	✗	·01	✗	–	✗	·25	·01	✗	·19	✗	–	Year's Total	31
TOTAL	5·74	2·68	3·35	2·03	2.33	2·55	6·32	1·57	1·77	3·52	7·07	3·47	42·40	✓
* Days with .01 in. or more.	26	17	25	15	11	16	23	15	10	22	23	14	217	✓
* Days with .04 in. or more.	23	13	11	12	7	15	18	9	7	13	20	10	158	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Endon Lees ~~Assoc.~~M.Inst.C.E.
Waterworks Engineer & Manager.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3167/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930

Kept at Penistone, Royd Moor

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

New Site

Jan. 25-31 } corr'd for snow
~~Feb. 15-17~~ }

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	Snow ·11	-	·17	·01	-	Trace	-	Trace	-	·27	·04		1
2	-	Snow ·04	·01	·22	-	-	·02	-	-	-	·55	·03		2
3	Snow Trace	Snow ·23	-	·08	-	-	·03	-	Trace	·21	·05	·01		3
4	-	Snow ·30	-	·13	-	-	·07	-	-	·20	·33	·18		4
5	-	Trace	-	-	·08	-	·01	-	-	·44	·17	P.Snow ·64		5
6	·02	·15	-	Trace	Trace	-	-	-	-	1·07	·22	P.Snow ·20		6
7		·30	-	·07	·25	-	-	·02	·14	·01	·01	P.Snow ·01		7
8	·02	Trace	-	·06	Trace	-	-	·06	-	·09	Trace	·05		8
9	-	Snow Trace	·14	Trace	-	-	·06	·05	·03	·26	·81	·09		9
10	-	-	Trace	Snow ·01	-	·02	·66	·28	·03	Trace	·65	P.Snow ·69		10
11	-	Snow ·07	·03	·01	-	-	·08	-	-	-	1·20	Snow ·17		11
12	-		·58	-	-	-	·02	-	·26	-	·80	Snow Trace		12
13	-	Snow ·14	P.Snow ·52	-	-	-	-	·01	·28	-	·06	-		13
14	-	Snow ·01	Snow ·02	P.Snow ·41	·04	-	·67	·01	·01	·03	·01	·35		14
15	-	- -	P.Snow ·09	P.Snow ·06	·06	-	-	-	-	·02	·20	·04		15
16	Snow ·04	(·30)	·04	Snow ·01	-	-	·45	-	·62	·94	·31	·05		16
17	-		·44	Snow Trace	-	-	·23	-	·29	·04	·49	-		17
18	Snow ·09	Snow ·19	·11	P.Snow ·41	-	-	·21	·02	·09	Trace	·04	·19		18
19	Snow Trace	P.Snow ·18	·31	P.Snow ·26	-	Trace	·33	·01	·37	·12	·25	·02		19
20	-	·03	·11	·42	-	·02	·24	·21	·02	·05	·15	·01		20
21	Snow ·06	-	·13	·02	-	·05	·03	·01	-	·11	1·15	-		21
22	Snow Trace	·01	Trace	·01	·07	·29	-	·01	·11	·03	·01	Snow ·03		22
23	-	·15	·05	·03	·03	·14	·01	Trace	·05	·08	·13	·02		23
24	P.Snow ·22	·01	Trace	·03	-	-	·15	Trace	·03	·04	-	·13		24
25	P.Snow ~~·11~~	-	-	Trace	Trace	·04	-	Trace	-	·04	-	·01		25
26		·03	-	·01	·03	·02	·13	·01	Trace	·02	·05	Trace		26
27	(2·80)	·08	Snow Trace	·01	-	-	·21	·10	·04	·01	P.Snow ·12	-		27
28		P.Snow ·57	-	·02	·04	-	-	·01	Trace	Trace	-	·01		28
29		Snow Trace	P.Snow ·20	·07	·11	·09	Trace	-	Trace	-	-	·06		29
30	Snow ~~·43~~		Trace	·30	Trace	-	-	-	-	·39	-	·37		30
31	Snow ~~·33~~		·28		Trace		-	-		·73		Snow ·45		31
TOTAL	(3·25)	2·90	3·06	2·82	0·72	0·67	3·61	0·81	2·37	4·93	8·03	3.85	Year's Total 37·02	✓
* Days with .01 in. or more.	13	20	16	23	10	8	19	14	15	22	24	25	209	✓
* Days with .04 in. or more.	10	15	13	13	7	5	13	5	10	16	21	16	144	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) W. Edmondson

[P.T.O.

3168

FORM 1090. **B** ... n.

3168

SCOUT DIKE RES

1931 - 1940

780601

*** The following register of mo... &c., is NOT required if dail... values are given on the othe...**

...ction and also the space for ... this register should be sent:—

RAINFALL IN 19

At SCOUT DIKE RESER...

In the County of York.

Rain Gauge
- Diameter of Funnel
- *Height of Top above Ground* ... *in.*
- *Height of Ground above Sea Level* ... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·96	0·58	16	23	17
FEB.	4·54	snow 0·69	28	26	22
MAR.	0·83	snow 0·41	1	9	5
APRIL	4·87	0·67	25	22	16
MAY	2·80	0·45	24	21	14
JUNE	5·14	0·94	5	21	14
JULY	3,93	1·02	12	24	19
AUG.	6·53	1·55	5	16	11
SEPT.	5·07	2·79	4	23	11
OCT.	1·03	0·25	7	16	10
NOV.	3·77	0·51	14	25	16
DEC.	1·19	0·28	5	17	8
Total	42·66			243	163

Signature M.Inst.C.E.,
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

...in Summer...

...stance... Direction from gauge

...stance... Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move... Distance... Direction...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

M. (
15 JAN 1932

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3168

FORM 1090.

B Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931.

At SCOUT DIKE RESERVOIR.
In the County of York. (W.R.)

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·96	0·58	16	23	17
FEB.	4·54	snow 0·69	28	26	22
MAR.	0·83	snow 0·41	1	9	5
APRIL	4·87	0·67	25	22	16
MAY	2·80	0·45	24	21	14
JUNE	5·14	0·94	5	21	14
JULY	3,93	1·02	12	24	19
AUG.	6·53	1·55	5	16	11
SEPT.	5·07	2·79	4	23	11
OCT.	1·03	0·25	7	16	10
NOV.	3·77	0·51	14	25	16
DEC.	1·19	0·28	5	17	8
Total	42·66			243	163

Signature .... M.Inst.C.E.,
Engineer & Manager,
Barnsley Corporation Waterworks.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
....
....

Hour of observation by the clock—in Winter .... in Summer ....
Nearest Railway Station .... Distance .... Direction from gauge ....
Nearest Parish Church at .... Distance .... Direction from gauge ....

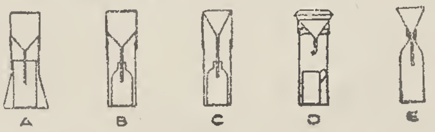
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—
....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) [illegible] *measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M. (
15 JAN 1932

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932.

At Scout Dike Reservoir.

In the County of York (W.R.).

Rain Gauge { Diameter of Funnel.......... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·12	0·78	6	18	12
FEB.	0·57	snow 0·14	9	15	7
MAR.	1·87	0·43	7	12	10
APRIL	2·98	0·35	9	26	21
MAY	6·21	1·94	21	25	20
JUNE	0·57	0·35	30	6	4
JULY	3·94	0·85	11	22	15
AUG.	2·75	1·23	21	12	5
SEPT.	1·98	0·43	2	18	13
OCT.	4·68	0·79	21	23	17
NOV.	2·42	0·54	22	26	15
DEC.	1·10	0·18	2	18	11
Total	32·19			221	150

Signature .... M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C Particulars of Station.

3168

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110

3168

FORM 1090. **B** Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933.

At Scout Dike Reservoir

In the County of York (W.R.)

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* ______ ft. ______ *in.*
- *Height of Ground above Sea Level* ______ *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·93	Snow 0·83	15	16	13
FEB.	5·97	Snow 3·75	24, 25 + 26	18	16
MAR.	2·41	0·78	17	15	11
APRIL	0·95	0·31	29	8	7
MAY	2·87	0·99	21	19	10
JUNE	1·76	0·59	24	10	8
JULY	2·23	0·52	8	15	11
AUG.	0·57	0·15	22	7	5
SEPT.	2·63	1·16	24	10	8
OCT.	4·44	1·08	7	21	14
NOV.	2·26	1·02	15	17	12
DEC.	0·54	0·20	30	8	4
Total	29·56			164	119

Signature .... M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.................... in Summer....................

Nearest Railway Station.................... Distance.................... Direction from gauge ....

Nearest Parish Church at.................... Distance.................... Direction from gauge ....

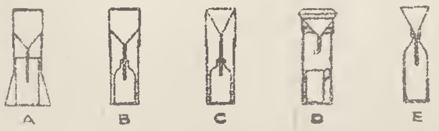
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

3168

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Scout Dike Reservoir

In the County of York (W.R.).

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·42	0·48	15	19	11
FEB.	0·21	Snow 0·14	27	4	2
MAR.	3·16	Snow 0·63	10	19	17
APRIL	2·82	0·61	27	18	11
MAY	1·41	0·35	6	13	9
JUNE	1·47	0·35	8	13	8
JULY	2·10	0·64	13	11	10
AUG.	1·22	0·27	5	13	10
SEPT.	1·86	0·50	29	15	9
OCT.	2·63	0·41	4	23	16
NOV.	2·45	0·91	9	14	10
DEC.	4·03	0·83	4	26	21
Total	25·78 ✓			188	134

Signature .... M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.
January 21st 1935.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r|}17\\18\end{array}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3168

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Scout Dike Reservoir

In the County of York (W.R).

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground.......ft..........in.*
- *Height of Ground above Sea Level..........ft.*

As before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
		part	snow.		
JAN.	1·91	0·59	11	20	9
FEB.	4·22	1·00	16	18	13
MAR.	1·24	0·41	23	13	8
APRIL	2·79	0·46	20	21	17
MAY	0·50	0·21	13	7	4
JUNE	2·68	0·37	18	22	16
JULY	0·93	0·30	18	11	6
AUG.	1·91	0·76	23	10	6
SEPT.	4·62	1·21	24	20	15
OCT.	5·79	0·96	9	25	19
NOV.	6·24	1·15	20	24	23
DEC.	2·91	0·41	27	21	16
TOTAL	35·74			212	152

Signature .... M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

January 21st 1936.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

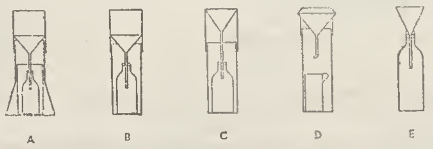
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.............................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3168

FORM 1090. **B** Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Scout Dike Reservoir

In the County of York (W.R.)

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*......*ft*.........*in*.
- *Height of Ground above Sea Level*..........*ft*.

As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·55	0·75 Snow.	19	23	17
FEB.	3·80	0·87 Snow.	28	17	14
MAR.	2·71	0·79	26	25	12
APRIL	1·87	0·84	1	15	9
MAY	1·46	0·45	30	14	10
JUNE	4·63	1·22	22	18	12
JULY	3.21	0·50	23	21	15
AUG.	0·94	0·27	19	10	7
SEPT.	3·59	0·60	14	19	14
OCT.	3·38	0·76	30	20	11
NOV.	4·24	0·62	11	17	14
DEC.	2·74	0·52	1	18	13
TOTAL	36·12 ✓			213 ✓	148 ✓

Signature .... Assoc.M.Inst.C.E.,

Waterworks Engineer and Manager,
Barnsley Corporation.

January 22nd 1937.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

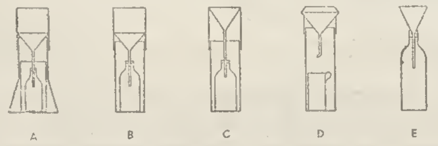
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
23 JAN. 1937

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Sect[illegible] **A** for the entry of Daily Observations

Station No. 3168

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Penistone, Scout Dike Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.

VALUE[illegible] MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·22	·17	Snow ·10	·00	·00	-	-	-	·15	-	·03	·28		1
2	·20	·20	Snow ·08	·28	·00	-	-	-	-	-	-	·65		2
3	·00	·03	·01	·07	·06	·01	-	-	-	-	-	·04		3
4	·32	·00	P.Snow ·11	·27	·05	-	-	-	-	-	-	Snow ·18		4
5	·58	·00	Snow ·25	·01	·00	-	-	-	-	-	·01	Snow ·04		5
6	·07	·00	Snow ·18	·01	·06	-	·13	·04	-	·01	·10	Snow ·34		6
7	·05	P.Snow ·67	·00	·18	·08	·04	-	-	·05	-	·06	Snow ·06		7
8	·00	·45	·00	·05	·00	-	·03	-	-	-	·16	Snow ·16		8
9	·00	P.Snow ·19	Snow ·02	·01	·40	-	·22	-	-	-	-	Snow ·05		9
10	·00	·11	·00	·01	·04	·07	-	-	-	-	·04	Snow ·16		10
11	·00	·00	Snow ·93	·00	·86	-	-	·07	-	-	-	Snow ·01		11
12	·12	P.Snow ·13	P.Snow ·17	·01	·31	·14	-	-	·26	-	-	Snow ·11		12
13	·00	·01	·00	·01	·11	·31	-	·04	·04	-	-	P.Snow ·07		13
14	·00	·01	Snow ·09	·00	·00	-	-	·23	·03	-	-	Snow ·25		14
15	·12	·19	·01	·21	·00	-	1·14	-	·04	-	-	Snow ·02		15
16	·07	·29	P.Snow ·33	·82	·00	·02	-	·05	·08	-	-	P.Snow ·02		16
17	·19	·01	·19	·45	·00	·05	-	-	1·10	-	-	-		17
18	Snow 1·10	·05	·10	·04	·00	·01	·02	·02	-	-	·51	-		18
19	·02	·05	·02	·01	·00	·12	·05	-	-	·01	P.Snow ·60	-		19
20	·15	P.Snow ·34	·03	·21	·72	·06	-	-	·01	-	-	Snow ·01		20
21	·07	P.Snow ·07	Snow ·06	·00	·02	-	·18	-	-	-	-	-		21
22	·02	·00	Snow ·02	·01	·03	-	·05	-	-	·13	·22	-		22
23	·31	·00	·00	·00	·02	-	·18	-	-	1·51	·55	-		23
24	·30	P.Snow ·37	·08	·00	·08	-	·01	-	·02	·33	-	-		24
25	P.Snow ·25	·58	Snow ·22	·00	·00	-	-	-	-	·55	-	-		25
26	·00	·22	·15	·00	·41	-	-	·07	·01	-	-	·04		26
27	·00	P.Snow ·44	·00	·27	·00	-	-	-	-	·89	·01	·03		27
28	Snow ·01	P.Snow ·79	·62	·00	·00	·05	-	-	-	·05	-	·01		28
29	Snow ·08		·00	·00	·00	-	-	-	-	·08	-	·01		29
30	Snow ·50		·00	·00	·00	·02	-	·07	-	·01	·03	·05		30
31	·50		·00		·00		-	-		·18		·01		31
TOTAL	5·25	5·37	3·17	2·93	3·25	0·90	2·01	0·59	1·79	3·75	2·32	2·60	Year's Total 33·93	
* Days with .01 in. or more.	22	22	22	19	15	12	10	8	11	11	12	23	187	
* Days with .04 in. or more.	19	18	15	11	12	8	7	7	7	8	8	15	135	

† Spare column, no entries required.

(*Signed*) W. Endon Lees [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer & Manager,
Barnsley Corporation.

* See Instruction 3 (f) on other side.

75

Travelling forms : Barnsley W.W. [illegible]

COPY FOR OFFICIAL USE

Sec **A** for the entry of Daily Observations

Station No. 3168

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Penistone, Scout Dike Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·07	–	–	–	·94	·47	·01	–	–	·14	P.Snow ·14		1
2	·02	·02	–	·20	·08	·15	·00	·01	–	·33	·06	·12		2
3	·03	–	–	–	–	–	·07	–	·08	1·39	·04	P.Snow ·09		3
4	·05	–	–	–	–	·04	·14	–	–	·34	·08	·25		4
5	–	·01	–	–	–	–	·01	·32	·01	·64	·01	·04		5
6	·09	·02	–	–	–	–	·18	·38	·05	·12	·–	–		6
7	·12	·01	–	–	–	–	·39	·03	·40	·09	–	·01		7
8	·29	–	–	–	–	–	·40	·02	–	·38	–	·07		8
9	P.Snow ·08	·13	–	–	–	·09	·11	·09	–	·03	–	·38		9
10	Snow ·02	·06	–	–	–	·04	·10	–	–	·13	·01	·02		10
11	·17	·01	–	–	–	–	·08	·01	–	·04	·04	·13		11
12	·22	–	–	–	·04	–	–	·20	–	·45	·06	–		12
13	·03	Snow ·05	–	–	–	–	–	–	–	·14	·15	·14		13
14	·26	Snow ·01	–	–	–	–	·09	–	·42	·01	–	–		14
15	·51	–	–	–	–	–	·36	–	–	–	–	·36		15
16	·40	–	·01	–	·02	–	·40	·13	–	·09	·10	·16		16
17	–	–	–	–	·19	–	·12	·02	–	·05	–	P.Snow ·04		17
18	·02	–	–	–	·30	–	–	·04	–	·22	·28	Snow ·01		18
19	–	–	–	–	–	–	–	·05	·02	–	–	Snow ·11		19
20	·02	–	–	–	–	–	–	–	·02	–	·25	Snow ·14		20
21	·02	–	–	–	–	–	–	·01	·01	–	·01	⊠Snow ·20		21
22	–	·01	–	·01	–	·26	–	–	–	–	·27	Snow ·14		22
23	–	–	–	·01	·04	·08	–	–	·15	–	·51	Snow ·01		23
24	–	–	·15	–	·02	·02	·03	·29	·30	–	·18	Snow ·01		24
25	·17	·11	·07	–	–	–	–	·01	–	·31	·82	Snow ·01		25
26	·05	·40	·02	–	–	·01	·01	–	·23	·17	·05	·03		26
27	·05	·07	–	–	·25	·27	·08	·32	·10	–	·20	–		27
28	·20	·05	·01	–	·64	·26	·06	·57	·18	·01	–	·06		28
29	·06		·08	–	·99	·05	·01	–	·01	–	·10	·02		29
30	P.Snow ·12		–	–	·09	·01	–	–	·73	–	·07	P.Snow ·08		30
31	·20		–		·33			–		·29		P.Snow ·48		31
TOTAL	3·20	1·03	0·34	0·22	2·99	2·22	3·11	2·51	2·71	5·23	3·43	3·25	Year's Total 30·24	✓
* Days with .01 in. or more.	24	15	6	3	12	13	19	18	15	20	21	27	193	✓
* Days with .04 in. or more.	17	8	3	1	10	10	15	10	10	17	18	19	138	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

Assoc.M.Inst.C.E.,
Waterworks Engineer and Manager,
Barnsley Corporation.

⊠Snow drifted.

75

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Section **A** for the entry of Daily Observations

Station No. 3168

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Penistone, Scout Dike Res.

in the County of W. R. Yorks.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM

VALUES FO [illegible]

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·13	–	·21	·06	–	–	·04	·07	·04	·04	·01	·15		1
2	P.Snow ·10	–	·01	·12	–	–	·13	·10	·90	·08	·06	·07		2
3	Snow ·11	–	Trace	·07	–	–	Trace	·23	·08	·01	·20	P.Snow ·64		3
4	Snow ·21	–	·11	P.Snow ·84	–	–	·06	·13	–	·18	·10	P.Snow 1·01		4
5	–	–	Trace	·02	·12	–	·07	·05	–	·44	·32	P.Snow ·19		5
6	P.Snow ·30	·01	·01	Trace	Trace	–	·45	Trace	–	·04	·16	Trace		6
7	·06	·13	P.Snow ·13	–	·25	–	·01	–	–	·01	·30	·13		7
8	·16	·06	·30	–	Trace	–	·38	·01	–	Trace	·16	·29		8
9	·12	·13	Trace	–	–	–	Trace	·17	–	·81	·03	·23		9
10	Snow ·62	Trace	·01	–	–	·02	–	·16	·08	·02	Trace	Trace		10
11	P.Snow ·30	Trace	·20	–	Trace	·55	–	·04	·03	·01	–	·03		11
12	P.Snow ·10	·17	Trace	–	·02	·10	–	–	Trace	Trace	·01	·01		12
13	P.Snow ·02	Trace	·01	·02	·04	·16	Trace	–	Trace	·18	Trace	Trace		13
14	·59	–	·02	·03	·41	·07	·63	–	Trace	·28	·10	Trace		14
15	·12	·01	·02	·07	·21	·25	·26	–	·01	·01	·02	·01		15
16	·02	Trace	·17	Trace	1·07	Trace	·29	–	Trace	–	·03	Trace		16
17	·76	·03	P.Snow ·01	·23	·35	–	·35	–	–	·71	·01	–		17
18	·47	·06	P.Snow ·02	Trace	·01	·17	·07	Trace	·02	·01	1·07	–		18
19	·13	Trace	Trace	–	–	·40	·51	·01	·09	·01	Trace	·01		19
20	Trace	–	Trace	–	–	·34	·12	·38	·20	Trace	–	·01		20
21	·11	·11	P.Snow ·34	·10	·01	·15	·01	·08	·20	–	–	–		21
22	·15	·42	P.Snow ·15	Trace	Trace	Trace	·06	Trace	·09	–	·23	·01		22
23	·08	P.Snow ·28	·01	·07	–	·05	·16	·01	·01	·20	·28	Trace		23
24	Snow ·01	·01	Snow ·02	·04	–	·05	·06	·02	–	·01	Trace	–		24
25	Snow ⊠·98	·12	Snow ·01	P.Snow ·02	·01	·01	Trace	·27	–	–	·90	–		25
26	P.Snow ·08	P.Snow ·05	Snow ·01	–	Trace	–	–	Trace	–	P.Snow ·07	·35	·15		26
27	Snow ·08	·15	P.Snow ·48	Trace	–	·05	Trace	Trace	–	P.Snow ·09	·50	Snow ·02		27
28	Trace	P.Snow ·07	P.Snow ·42	P.Snow ·07	–	·08	·18	–	–	·01	·20	Snow Trace		28
29	–		·05	P.Snow ·01	–	Trace	1·54	–	Trace	·23	·20	–		29
30	–	✕	Trace	–	–	·04	·01	–	–	Trace	·12	–		30
31	–	✕	·01	✕	–	✕	·20	Trace	✕	·19	✕	–		31
TOTAL	5·81	1·81	2·73	1·77	2,50	2·49	5·59	1·73	1·75	3·64	5,36	2·96	Year's Total 38·14	✓
* Days with .01 in. or more.	25	16	24	15	11	16	22	15	12	23	23	16	218	✓
* Days with .04 in. or more.	22	12	11	10	7	14	19	11	8	14	17	9	154	✓

⊠ Snow drifted.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... ~~Assoc~~.M.Inst.C.E.
Waterworks Engineer & Manager.

75

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3168 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Penistone Scout Dike Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

Jan. 25-31 corr'd for snow

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	Snow ·12	Trace	·12	·01	-	Trace	-	Trace	-	·21	Trace		1
2	-	Snow ·01	·02	·17	Trace	-	·01	-	-	-	·27	·02		2
3	Snow ·06	Snow ·20	Trace	·10	-	-	·03	-	Trace	·21	·06	·01		3
4	-	P.Snow ·12	-	·13	-	-	·09	-	-	·15	·38	·13		4
5	-	Trace	-	Trace	·07	-	·01	-	-	·20	·16	P.Snow ·46		5
6	·03	·11	-	-	·01	-	-	-	-	1·07	·24	P.Snow ·05		6
7	Trace	·32	-	·04	·24	-	-	·01	·11	·01	·01	Trace		7
8	·02	·01	-	·06	Trace	-	-	·04	-	·09	Trace	·03		8
9	-	-	·10	Trace	-	-	·05	·02	·01	·26	·79	·06		9
10	-	-	·01	Snow ·01	-	·02	·62	·18	·03	Trace	·45	P.Snow ·60		10
11	-	Snow ·08	·02	·01	-	-	·09	-	-	-	·77	Snow ·02		11
12	-	Snow ·05	·47	-	-	-	·02	-	·17	-	·41	Snow Trace		12
13	-	Snow ·05	P.Snow ·60	Trace	-	-	Trace	·01	·22	-	·04	-		13
14	-	Snow ·01	Snow ·02	P.Snow ·29	·07	-	·59	·01	·01	·03	·01	·22		14
15	-	-	P.Snow ·04	P.Snow ·03	·08	-	Trace	-	-	·02	·21	·02		15
16	Snow ·17	Snow ·22	·02	Snow ·01	-	-	·51	-	·30	1·00	·30	·04		16
17	-	Snow ·07	·38	P.Snow ·01	-	-	·17	-	·16	·03	·47	Trace		17
18	Snow ·07	Snow ·22	·09	P.Snow 1·05	-	-	·26	·02	·03	Trace	·03	·13		18
19	Snow Trace	P.Snow ·17	·18	P.Snow ·16	-	Trace	·21	·01	·30	·11	·13	·03		19
20	-	·01	·04	·48	-	·02	·15	·16	·01	·05	·09	Trace		20
21	Snow ·07	-	·10	·02	-	·09	·03	Trace	-	·11	1·24	-		21
22	Snow ·02	Trace	·01	·01	·06	·29	[illegible]	Trace	·11	·02	·01	Snow ·03		22
23	-	·12	·03	·03	·04	·13	·01	-	·03	·07	·08	·02		23
24	P.Snow ·13	Trace	Trace	·03	Trace	-	·13	Trace	·04	·07	Trace	·13		24
25	P.Snow ~~·11~~ ✓	Trace	-	Trace	Trace	·03	Trace	Trace	-	·04	-	Trace		25
26	✓	·03	-	·01	·02	·03	·16	·01	Trace	·01	·02	Trace		26
27	(2.50) ✓	·09	Snow Trace	·01	-	-	·15	·12	·03	·03	P.Snow ·10	Trace		27
28	✓	P.Snow ·57	-	·02	·02	·07	-	Trace	-	Trace	-	Trace		28
29	✓	Snow ·01	P.Snow ·18	·07	·28	·07	Trace	-	·01	Trace	-	·02		29
30	Snow ~~·14~~ ✓	✕	Trace	·29	-	-	-	-	-	·26	-	·27		30
31	Snow ~~·25~~ ✓	✕	·17	✕	Trace	✕	-	-	✕	·81	✕	P.Snow ·44		31
TOTAL	(3.07)	2·59	2·48	3·16	·90	0·68	3·29	0·59	1·57	4·65	6·48	2·73	Year's Total 32·19	✓
* Days with .01 in. or more.	15	21	18	24	11	8	19	11	16	22	24	20	209	✓
* Days with .04 in. or more.	11	15	11	12	7	4	13	4	8	15	19	11	130	✓

† Spare column, no entries required

* See Instruction 3 (f) on other side.

(*Signed*) W. Gordon Lee

[P.T.O.

3168/5

PENISTONE GRINGLEY CARR

1937 - 1940

780601

3168/5.

FORM 1090.

B

ation.

*** The following register of
&c., is NOT required i
values are given on the

section and also the space for

to this register should be sent:—

neer and Manager,

Yorkshire.

RAINFALL IN

At Penistone, Grin

In the County of W.R.

Rain Gauge
Diameter of Funnel........
Height of Top above Ground...
Height of Ground above Sea Level approx. *ft.*

a.m. in Summer 8.30.a.m.

Distance 1 mile 753 yds. Direction from gauge S.S.W.

Distance 1 mile 1,400 yds. Direction from gauge S.W. by W.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.	3.95 ✓				
NOV.	2.55 ✓				
DEC.	4.87 ✓				
TOTAL	~~11.37~~	~~(3 Mths. only)~~			

Signature W. Gramber

Assoc.M.Inst.C.E.,

Waterworks Engineer & Manager.

* See Instruction 3 *(f)* below.

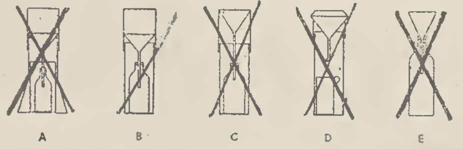
to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the gauge is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



Bradford Gauge.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Situation of Gauge.
Latitude. 53°32'28".
Longitude. 1°41'46".
Installed 30th September 1937.
Surrounded by turf wall.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

N

FORM 1090.

3168/5.

B ~~Monthly~~ Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Penistone, Gringley Carr

In the County of W. R. Yorks

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* - *in.*

Height of Ground above Sea Level 1,090 approx. *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				.01 in. or more	.04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.	3.95				
NOV.	2.55				
DEC.	4.87				
TOTAL	~~11.37~~	~~(3 Mths. only)~~			

Signature W. G. Lees

Assoc.M.Inst.C.E.,

Waterworks Engineer & Manager.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

W.G.Lees, Waterworks Engineer and Manager,
Town Hall, Barnsley, Yorkshire.

new site

Hour of observation by the clock—in Winter 9.0.a.m. in Summer 8.30.a.m.

Nearest Railway Station Hazlehead Distance 1 mile 753 yds. Direction from gauge S.S.W.

Nearest Parish Church at Carlecotes. Distance 1 mile 1,400 yds. Direction from gauge S.W. by W.

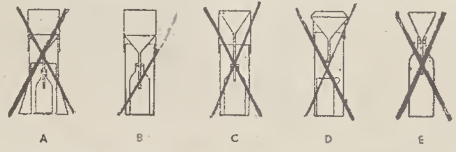
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



Bradford Gauge.

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Situation of Gauge.
Latitude. 53°32'28".
Longitude. 1°41'46".
Installed 30th September 1937.
Surrounded by turf wall.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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N

33 April est'd from nearby stn ~~lll~~

3168/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At ~~Penistone~~ Gringley Carr

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel......................in.
- *Height of Top above Ground.........ft............in.*
- *Height of Ground above Sea Level.........1090.....ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.90 ✓				
FEB.	1·80 ✓				
MAR.	0.85				
APRIL	(·50)				
MAY	3·70 ✓				
JUNE	3·37 ✓				
JULY	4·30 ✓				
AUG.	2·95 ✓				
SEPT.	3·50 ✓				
OCT.	8·90 ✓				
NOV.	5·05 ✓				
DEC.	4.40 ✓				
TOTAL	45·22				

Signature W. Eudon Lees Assoc.M.Inst.C.E.
Waterworks Engineer and Manager.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

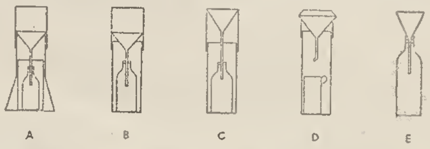
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

April not available, see Gea

Aug 1937

Rent GB 20/4/39

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

f660870/26

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3168/5

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At Penistone, Gringley Carr

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel.......................in.
- *Height of Top above Ground........ft...........in.*
- *Height of Ground above Sea Level.................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·55	✓			
FEB.	3·75	✓			
MAR.	3·10 ✓				
APRIL	2·40	✓			
MAY	2·55	✓			
JUNE	2·90	✓			
JULY	6·35	✓			
AUG.	1·65 ✓				
SEPT.	1·80				
OCT.	3·40 ✓				
NOV.	8·15				
DEC.	3·80				
TOTAL	46·40	✓			

Signature N. Gordon Lees ~~Assoc.~~M.Inst.C.E.,
Waterworks Engineer and Manager.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter...................in Summer...................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

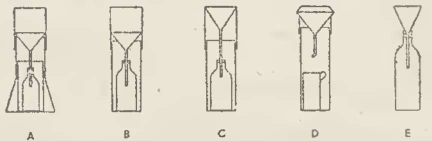
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHL

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3168/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Penistone, Gringley Carr

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft..............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3.70)				
FEB.	(3.50)				
MAR.	3·40				
APRIL	3·10				
MAY	0·80				
JUNE	0·60				
JULY	3·60				
AUG.	1·00				
SEPT.	2·90				
OCT.	5.60				
NOV.	8·90				
DEC.	3·70				
TOTAL	(40·80)				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.............................in Summer..................

Nearest Railway Station.................................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................................. Distance.................. Direction from gauge..................

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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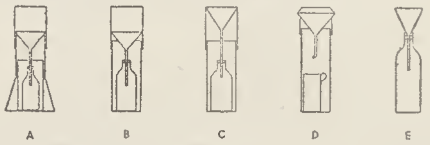

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

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(c) When was the measurement made?

Jan. & Feb. corr'd for snow

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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